

# SPEEDX

"THE DX RADIO MAGAZINE FOR ACTIVE SHORTWAVE LISTENERS"



# 1978

JANUARY 1978

Vol. VIII No. 1



# KEYNOTES



Editor: OLIVER ELLSWORTH

2043 West 75th Street, Los Angeles, California 90047

## CONGRATULATIONS TO 9 NEW FULL MEMBERS

RANDY LINDSEY  
LINDENWOLD, NJ

ROGER PETERSON  
NEW CANAAN, CT

SCOTT SNYDER  
CAMILLUS, NY

WAYNE DAVIS  
TRENTON, NJ

JOHN PRATH  
FT. LAUDERDALE, FL

PEGGY THOMPSON  
LA CRESCENTA, CA

RICKEY BAUM  
GAINSVILLE, FL

RON SEILER  
RICHMOND BC, CAN

DOMINICK YACONO  
BROOKLYN, NY

Certificates of Full Membership and a copy of the SPEEDX Constitution are being mailed concurrently herewith to each of the above new members.

## SPEEDX WELCOMES THE FOLLOWING NEW ASSOCIATE MEMBERS

MICHELE WAMPLER  
BURKE, VA

BLAINE UTTER  
NORTH CHILI, NY

CLARENCE MOW  
TUCSON, AZ

JOHN BOUTIN  
SAN MATEO, CA

FRED BRAMMER  
KANNAPOLIS, NC

YOSHIAKI NIWA  
JAPAN

J. SEAFORD BRANDY  
YUMA, AZ

WILLIAM McDAVITT  
ROME, NY

DAVE ELLIS  
MANHATTAN BCH, CA

LOUIS KYCEK  
COQUILLE, OR

JERRY LEON  
HAVERTOWN, PA

PAUL EHRET  
SCHNECKSVILLE, PA

JOHN HOUGHTON  
ONT, CANADA

EDWARD LAUDISE  
CLYDE, NY

STEVE KENNEDY  
IMMOKALEE, FL

JEFFREY WHITE  
SCHAUMBURG, IL

ALFONSO PALAFOX  
FARGO, ND

MASASHI OZAWA  
JAPAN

JEFFREY MOREY  
ELMGROVE, WI

TOSHIMICHI OHTAKE  
PHILADELPHIA, PA

DAVID WILLIAMS  
ASTORIA, OR

ROBERT SCHOLL  
CARLSBAD, NM

ANDREW RUSSELL  
LOS ANGELES, CA

LEONARD REED  
SAN FRANCISCO, CA

STEVEN GARBER  
SAN FRANCISCO, CA

DALE JOHNSON  
MAN, CANADA

J.A. GANGNAGEL  
BOCA RATON, FL

TALIS SPALVINS  
PARMA, OH

COSTA CONSTANTINIDES  
ATHENS, GREECE

JEFFREY BILLER  
EAST BRUNSWICK, NJ

We are glad to have you aboard and are looking forward to hearing from all of you often. SPEEDX urges you to support the various columns by sharing your loggings and thoughts with the full membership.

---\*\*\*---

## SPEEDX-EDXC COUNTRY LIST

To up-date the country list, the following changes should be made;

PART	FORMER TEXT	NEW TEXT
1.2	Afars & Issas	Djibouti Until 670605 named French Somaliland and 770627 Afars & Issas; Might be respelled Jibuti.
1.2	Central African Rep	Central African Empire; Might be renamed Ubang Shari.
1.6	Anguilla	Anguilla Until 670227 part of Leeward Islands.

*Best Wishes for the New Year*

## 1978 TROPICAL BAND MONITORING AND CONTEST

Because of interest shown by many listeners, James W. Young, P.O. Box 576 Wrighwood, Calif. 92397 U.S.A. is proposing a worldwide monitoring & contest of the 120, 90, 75 & 60 meter bands to be held from 0001 GMT February 11 to 2359 GMT March 13, 1978. Participation may be as a contestant or as a monitor, or both.

### RULES

#### A. Participation:

1. Contestants may enter any one of the five categories; 120, 90, 75, 60 meters, or an all band entry. Contestants must mark each log sheet as "entry". If a contestant wishes to enter the 90m contest, he may also be a monitor of any of the other bands. A contestant who enters the all band category will not be a monitor participant.

2. Monitors may send in any loggings on any or all of the four bands, or any combination of bands. Monitors will omit the points section column on his log sheets. Monitors will mark each sheet "LOGGINGS".

B. All participants should use a logging sheet format similar to that which follows, but all sheets must contain the date, time, freq, station, country and points scored (except monitor sheets) for each station heard entry.

DATE	TIME	FREQUENCY	STATION or SLOGAN, etc.	COUNTRY	PTS	TOTAL PTS
------	------	-----------	-------------------------	---------	-----	-----------

Separate sheets must be used for each band, whether contestant or monitor. Actual entries need not be in frequency order, but it is suggested that each 100 kHz band segment could be on separate sheets, especially for those who anticipate many loggings in that segment.

C. All participants must submit the following information: Full name, complete mailing address, receiver(s) used, antenna(s) and any accessories. Your main club affiliation is requested, but not a must. See item F.

D. Frequencies will be as follows: 2200 to 3000 kHz(120 meters); 3000 to 3600 kHz(90 meters); 3600 to 4200 kHz(75 meters); 4200 to 5100 kHz(60 meters).

Freq are requested to the nearest kHz, but those with digital readouts or frequency measuring devices are requested to state loggings to the nearest 0.1 kHz.

E. Point scoring will be as follows: 2 points for any station in one's own continent; 5 pts for any station in any other continent; Separate loggings may be made of previously logged stations if by long path and will be awarded with 10. State all long path receptions with "LP" in the country column. All unidentified stations will be given 1 point. Utilities can be logged such as time stations, feeders, etc, but will not be given any points.

F. Prizes will be awarded to contestants in this manner; Each of the five categories will have a 1st, 2nd & 3rd place winner. A cash prize of \$5 for 1st, \$2 for 2nd, and \$1 for 3rd place winners along with a certificate of merit. Monitors will receive certificates of merit in the same fashion under the 5 categories. The club with the highest membership participation ratio will be awarded a special certificate of merit. You are therefore urged to mention your main club affiliation; only one per individual.

G. All entries must be postmarked no later than April 1 1978 and in Jim's hands no later than April 22 1978. This applies to all participants. All entries become the property of J. Young and none will be returned.

#### H. Entering requirements:

1. Contestants are required to send one SASE franked with 24¢ in stamps along with a 50¢ entry fee to cover the cost of Zerex machine, handling, and mailing. Overseas contestants send SAE with 3 IRCs(6 for airmail return).

2. Monitors are not required to send any fee or SASE. However, if a monitor wants a list of loggings, participants, etc an SASE (24¢ in stamps) must be enclosed. Overseas monitors send an SAE with 2 IRCs(4 for airmail return).

I. Results to be mailed to all contestants and those monitors requesting so will be sent the entire participants name, scores, winners and complete list of the loggings for all the four bands monitored.

J. The honor system will prevail! Station ID's will not be required, but if you think list logging is an easy way towards a prize, forget it. I can assure everyone that each entry will be carefully and completely checked. Entries and loggings from experienced DXers will help serve as guide lines in the final judgements. All results will be final.

K. All monies for the prizes will be awarded and are being furnished by and guaranteed by Jim Young. J. Young will not be eligible for any award or certificate. Any additional monies or donations will be used to raise the cash prizes accordingly. This is your contest. Comments, suggestions, and or criticisms are welcomed now or with your entry. J. Young may solicit certain participants to act as additional judges. A complete accounting of all monies and donations will be made available upon normal SASE request.

L. Address all loggings, entries, and or correspondence to James Young.

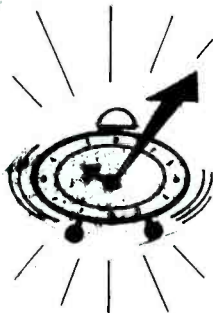


# DX MONTAGE

RESEARCH/COMPILATION/REDUCTION by A. W. BROOKS

74 Massachusetts Road

Oakdale, Connecticut 06370



THE LEAP SECOND (or "Just Another Year Older And Deeper In Debt"): It seems throughout recorded history that we've always been obsessed with the passage of time.....and we've invented all sorts of machines to keep track of it for us...but scientists and astronomers are never satisfied.....and they had discovered that ol' Mother Earth is slowing down in her old age....and in recent years had been one second longer than we had previously been led to believe...Scientists worldwide got together on the matter with new-fangled atomic clocks and they have been sneaking in an extra second a year on us without so much as a "by-your-leave, sir". The change took place first in Europe and soon after machinery was in motion to add a second here in North America just before midnight. So it seems there is nothing we can do but grin and bear it.....but there is one bright spot in this otherwise gloomy picture. What better excuse could we come up with to hold that New Year's kiss just a little longer this midnight just to make sure it's official...

POGO LIVES!: We are reminded by Norman Hill that WYFR's new Florida site has been transmitting since mid-November. Current scheduling shows broadcasts daily at various times between 1600-0500 on various openings such as 9630, 11780, 11885, 15110, and 15130.... plus Sundays 1250-1600 on 17730...

"KEEP IN TOUCH" OFFER PROVIDES TIGHT FIT: Steve Gelfand suggests that those ordering T-shirts from Radio Sweden (as mentioned in the October DX MONTAGE) be advised that the sizes run small, so order at least one size larger. If you already take an extra large perhaps you should try another station...

## FUNKY WINKERBEAN



## ACORNS FROM OAKDALE:

...A calendar just goes in one year and out the other...

DX-QUOTE-OF-THE-YEAR: Jim Meehan's wife at a confab on foreign language broadcasts observed, "So many stations speak static"....

YOU'RE NOT LIKELY TO HEAR IT ON THE BBC, BUT... Christmas doesn't mean a lot in Bonnie Scotland, but Hogmanay, mon! That's something else! Hogmanay? What's that, you say? Well, it's the Scottish New Year, but to call it New Year is to underplay it. Since 1600 it's been Scotland's annual winter time for letting off steam. Hogmanay is THE Scottish holiday par excellence. 'Tis a merry occasion, indeed. Hotels and guest-houses offer end-of-year Hogmanay parties and dances, theatres put on seasonal revues, and Scottish-flavored pantomime, and there is no shortage of things to do and see. Most of it, however, is at home. Emigrants and exiles fly in from overseas places, hospitality is everywhere, parties indoors are staged by the thousands. Of course, there are odd customs like "first footing". It is the tradition of trekking around the homes of friends and neighbors. The visitor is welcomed, especially if he or she arrives carrying a small gift like a piece of coal, a half-bottle of whiskey, a cake of shortbread, or a Tristan da Cunha QSL card. What more could we ask of the new year?



THE

"Dulce Est Desipere In Loco"

# SOAP BOX

SPEEDY

DX MONTAGE

MODERATOR  
A.W.  
BROOKS



It has been some time...July, I believe...since anyone has climbed atop the SOAP BOX. This month we present views on a single subject by four different SPEEDXers. The first of these thoughts is in direct response to a member's remarks in that JULY SOAP BOX...



**PAUL MASON (Ontario):** "I disagree with Mr. Kawchuk's comments that a DXer is superior to a SWL. Most DXers are in such an ardent hunt for new QSLs for their wall that they don't take time to listen to the content stations offer. Mr. Kawchuk stated that 'merely listening to and logging stations is a relatively easy task'. It appears that the most important part of Mr. Kawchuk's DXing is getting QSL cards and that he does not hold listening to the content of the broadcasts very important..."

"There is nothing wrong with sending reception reports to stations, but do you send one reception report, get your QSL card, and forget about the station in search of more verification cards? Stations want to hear comments about their programs; they want you to support their mailbag programs; and they want to hear from you on a regular basis as to how you are receiving their signal..."

"Let it be said that I do collect QSLs, but only first-time-heard stations...and if I like listening to the station I request their program guide and report to them regularly....not because I want their precious QSL card, but because I want to help the station. This to me is more enjoyable than searching the SW spectrum for a chance to get more QSLs..."

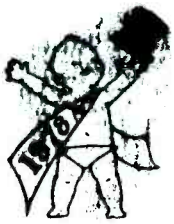
"So to all QSL-addicts I say take time to listen to the broadcasts and enjoy them....learn something about another culture...appreciate the true purpose of shortwave radio. There is a lot to be found besides QSL-cards...look for it."

**RODNEY BOYD (Newfoundland):** "The way I see it, 'DXing' means listening for new stations...whether for the purposes of keeping a log, recording IDs, or writing reception reports.... whereas 'SWLing' means listening to certain programs for one's own enjoyment. Therefore, most DXers are SWLs and vice versa, according to this definition, making both terms somewhat ambiguous. Even though I distinguish between the two terms, I use them interchangeably...so, perhaps, those who hold that the question as to whether a person is a 'SWL' or 'DXer' should not be asked are right."

**MARK ZIMAROWSKI (Massachusetts):** "The problem seems to be that everyone thinks there is some certain set of standards which must be achieved before a person can call himself a 'DXer'..."

"Since every listener has his own set of standards what we end up with is 500 different definitions of the word 'DXer'. If the word is to have any meaning at all we have to realize that the difference between a DXer and a SWL has nothing to do with how long you've been listening or how many countries you've heard, but it's a matter of what you listen to and why."

"A SWL listens to a particular station because he wants to be entertained or informed by its programs, but because he enjoys the challenge of hearing new and different stations. Of course, in order to use this definition we have to abandon the idea that everyone is either 100% DXer or 100% SWL. Most of us are probably a combination of both, but it certainly makes more sense than saying that only people with 'x' number of countries heard can call themselves DXers."



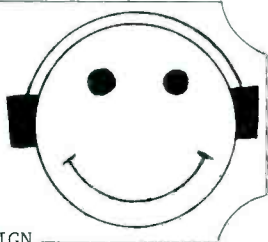
**WESLEY ROGERS (Ontario):** "Every club I belong to has this same stupid thing going about DX versus SWL...well, I would like to know how a person can be a 'DXer' without being a listener? To say one is a 'DXer' does not make sense...because when he says he is a 'DXer' he is saying he is a 'distance'...because that is what 'DX' means. But, if he said he was a 'DX listener' he would be saying he was a 'distance listener'...that makes sense...and if he listened to shortwave he would be 'DX-SWL' or 'distance shortwave listener'. So, now tell me again how one can be a 'DXer' without being a 'listener'...or does he wish to be a TV-DXer with the sound turned off?"



# HAPPENINGS

## HANDICAPPED AID PROGRAM

WAYNE DAVIS - DIRECTOR  
27 Cleveland Ave  
Trenton, NJ 08609



SUPPORT WORLD DX HANDICAPPED AID CAMPAIGN

We would like to kick off this month's column by extending our warmest wishes to all SPEEDXers for a happy and successful new year. With the sunspot activity on the upswing, it looks like 1978 has the potential to be a fine year for DXers.

Short wave listeners will now be offered an opportunity to keep abreast with HAP's activities via monthly reports being presented on Ian McFarland's "DX Digest" which is aired every Sunday by Radio Canada International. The first report was broadcast on December 11 and covered the results of the SPEEDX Christmas Fund Drive which raised \$240 for HAP.

Next month's report is expected to take on a new look, however, as Jeff White of the Association of Illinois DXers, will man the mike to bring news of HAP to the listeners of Ian McFarland's innovative program.

Jeff is an 18-year old student of Northern Illinois University in DeKalb, Il. He is presently majoring in broadcast journalism, and intends to pursue a career in this field. Jeff currently works as a reporter for WNIU-FM (89.5) in DeKalb. He is really kept busy by his school work, his activities with AIDX and preparing his weekly "Que Pasa" reports that are presented on the mid-week edition of HCJB's DX Party line. "It takes quite a bit of time," Jeff said, "but I enjoy it all."

Jeff has been a shortwave listener since 1972, when he was playing around with a multi-band portable and happened to hear Deutsche Welle. "From the very beginning, I was fascinated with the thought of hearing radio broadcasts coming from the far corners of the world, and I'm still fascinated by it today." That early fascination soon developed into a full time interest, as Jeff still spends several hours each day tuning the bands with his Panasonic RF-2200 receiver. White, who considers himself to be more of an SWLer than a DXer, is a member of SPEEDX, NASWA, NRC and of course, AIDX.

"I have met, either in person or by correspondence, all kinds of fascinating people through shortwave activities," he said. "One of the most fascinating times of my life was the 1977 ANARC Convention held in Schaumburg, Il, which I was chairman of. I got to meet in person dozens of people who, until then, had only been names."

A staunch HAP booster who, along with Keven Mikell, coordinated last summer's HAP auction, White said, "I strongly believe in the principals of the Handicapped Aid Program. Shortwave listening is a hobby that is particularly adaptable to disabled persons, and I think that we who are already SWLs should strive to introduce the hobby to as many handicapped people as possible. I am very pleased to be able to serve HAP by producing the HAP-US reports for Ian McFarland's DX Digest. And we're glad to have you aboard, Jeff!"

In closing this month's report, we would once again like to thank those SPEEDXers who helped make this year's Christmas Drive such a resounding success. We raised enough to buy 5 additional DX-40 receivers, and induct five new HAPies. We like to offer a very special thank you to Oliver Ellsworth, Don Johnson and Alan Brooks for their work with the Yule page, and to our friends who belong to SCADS which recently raised \$93 for HAP in an auction. Your continued support is really appreciated, and makes my job a whole lot nicer.

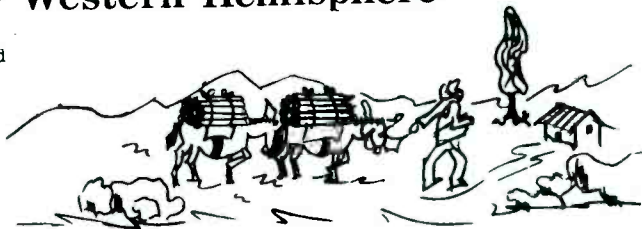
Wishing all of you the best in this New Year.

*Wayne*

# SWBC DX - Western Hemisphere

E.J. "Jim" Whitehead  
177 Pine Ridge Road  
Reading, MA 01867

Tim McCurdy  
271 Starlight Crest  
La Canada, CA 91011



## WYFR OKEECHOBEE SITE OPERATIONAL

On November 23, 1977 Family Radio, WYFR, began regular transmissions to Central Europe and South America from its new transmitter site in Okeechobee, Florida, U.S.A.. According to WYFR's Winter-Spring Newsletter graciously forwarded by Greg Watts, frequencies in use include 15110 (from 1600-1650), 15130 (from 1650-1850), 11780 (from 1850-2050), 9630 (from 2050-2250) and 11885 (from 2250-0500\*). There is also a Sunday-only broadcast 1250-1600 GMT on 17730 khz.

WYFR is still operating its transmitter in Scituate, Massachusetts and is interested in reports comparing reception of broadcasts from the two sites. Reports should be addressed to

Wesley D. Becker, Technical Director  
Family Stations, Incorporated  
Oakland, California 94621 U.S.A.

and a new QSL card is being used to verify reports on the Florida site.

With its new transmitter on-line, Family Radio will expand operations to include a Portuguese language service beginning January 1, 1978. This new service, WYFR's seventh, will include slow speed English Bible readings as well as reading and commentary in Portuguese.

-----0000-----

## RADIO SRS - SURINAM

Believe it or not, Radio SRS does verify and their folder card QSL contains considerable data which Bob Donly was kind enough to share with us. Radio SRS, it seems, is a government-owned station that was founded in 1965. The station employs 26 full-time and an equal number of part-time personnel who prepare and present the music, news, entertainment and educational programs aired daily from 5:00 a.m. to midnight local time.

Radio SRS broadcasts on 725 khz A.M., 96.4 Mhz F.M. and 4780 khz in the 60 meter band. The transmitters are of 50 kw, 10 watts, and 1 kw respectively, although the latter is to be increased to 10 kw in the near future to provide better coverage of the interior and Caribbean areas.

Surinam, the nation it serves, gained independence in 1975 after 350 years of Dutch rule. It has an area of 162,000 sq. km. and produces bauxite, aluminum, wood, rice, sugar, bananas and other agricultural products. The population is a racial potpourri with the Negroes, Indians, Chinese, Javanese, Amerindians and whites all represented. The programming of Radio SRS reflects the tastes of these diverse ethnic groups and thus you'll find oriental hits mixed in with the latest rock and tropical music favorites not to mention programs in oriental languages as well as "Sranang tongo" (the Surinam language) and Dutch.

-----0000-----

Tim is next with the loggings where all times are GMT, dates are in the month/day format, and the SIO code sets down observed reception conditions. Remember that the deadline is the 10th of each month for reports sent to Bob Zilmer, Central Distribution Editor, 9016 W. Mt. Vernon Milwaukee, WI and the 15th of each month for reports sent directly to Tim McCurdy. Hope everyone has a Happy and Prosperous New Year 1978 and will be with us again next month. Hasta luego amigos.....

ANTIGUA

## BBC RELAY

6175 0710 EE; 24 Hours program (33; 11/31 Smith-FL)(Blaize-LA)  
 6195 0900 EE; y1 EE nx (555 11/25 Jones-CA) Isn't this relayed from Malaysia?ed  
 9580 \*1500 EE; s/ on wld nx with QRM from Moscow // 15365 (3z2 12/11 Thompson-CA)  
 15420 2000 EE; ID nx (343 11/21 Smith-FL)(Johnson)(Brooks-CT)

## DW

3995 2345 GG; nx tx mx (44; 11/30 Prath-FL)  
 6040 \*0130 EE; IS ID freq's nx (555 11/23 Blaize-TN)  
 6075 \*0600 GG; EE/GG Id's freq's y1/om nx QRM-VOA (422 11/28 Thompson-CA)  
 6100 \*0130 EE; IS ID freq's nx (555 11/23 Blaize-TN)  
 9545 0400 GG; nx (33; 12/8 Grenier-CA)  
 11810 1330 GG; ID heard followed by wld nx (444 11/26 Yacono-NY)  
 11865 0030 SS; nx tx (242 11/7 Prath-FL) Ian't this relayed from Malta. ed

ARGENTINA

5985t 0929 LRS2 R. Splendid: SS light program of piano mx w/ y1 in SS between songs (Moritz-OH)  
 6060 0910 LRA31 R. Nacional: SS LA songs 2 om DJ's TC pipe (322 Brookwell-CA)  
 9690 0150 LRA32 R.A.E; SS LA mx ID's (554 11/7 Somers-CA)(Dutkowski-BC)(544 11/20 Lindsey-NJ)(Felty-OH)(Young-NJ)  
 11710 2300 LRA35 R.A.E; EE ID and schedule given (522 11/28 Rosinski-PA)(Pearson-PA) (Bowman-CA)(Smith-FL)(Hodson-MN)(Drumheller-PA)(333 11/28 Dutkowski-BC)  
 11780 0343 LRY2 R. Belgrano: SS mx rock latin ballads ID's freq's at 0400 QRM from N. Korea at 0400 (322 Brookwell-CA)

BELIZE

3285 0400 Radio Belize: EE om anncr w/ British accent nx mx heavy cw QRM (212 11/12 Davis-SC)(Peck-NY)

BOLIVA

4875 0211 CP75 La Cruz del Sur: SS mx w/ om DJ ID's (323 11/11 Young-NJ)(333 6/16 Whitehead-Venezuela) Jim was in Venezuela on business when he logged his. ed

BRAZIL

2420t 0230 ZYW32 R.Caraja: PP tx vocal mx no ID heardso tentative (222 11/20 Yajko-PA)  
 4775 0225 ZY25 A Voz do Oeste: PP Latin program combination of Brazilian and US pops ads (11/14 Newmann-IN)  
 4805 0211 ZY38 R. Dif do Amazonia: PP local mx ID tx by om anncr (43; 11/30 Davis-NJ)  
 4835 0223 ZYU8 R. Dif. Teresina: PP local mx fast tx many ID's jingles (333 12/1 Davis-NJ)  
 4855 0251 PRG5 R. Clube do Para: PP local mx tx with ID's possible TC's (322 12/3 Davis-NJ)  
 4865 0108 ZYN37 R. Feira de Santana: PP Brazilian pop mx (33; 11/27 Bryan-CA)  
 4985 0004 ZYX2 R. Brasil Central: PP om mx ads ID's (333 11/26 Thompson-CA)(Mayer-CA) (Jones-CA)  
 5045 0150 ZYT24 R. Educativa do Para: PP Brazilian mx om ID's (333 11/27 Bryan-CA) (0300\* 34; 11/8 Blaize-LA)  
 5965 2335 ZYU60 R. Guabira: PP ID nx romantic mx including Nadya's theme (433 12/3 Watts-IN)  
 6000 0008 PRK5 R. Inconfidencia: PP lively Brazilian mx tx by om ID (333 12/3 Maghakian-NY)  
 6045 2316 ZYS35 R. Clube Paranaense: PP soccer from "Stadio Olimpico" (333 11/18 Brooks-CT)  
 9595 0016 ZYN29 R. Cultura da Bahia: PP sx commentary (433 11/17 Yajko-PA)(322 12/3 Uerlings-OR)  
 9615 0822 ZYT29 R. Diaro da Manha: PP ads mx ID's (333 11/26 Mayer-CA)(Yajko-PA)  
 1780 0155 PRU8 R. Nac. Brasilia: PP soccer coverage 2 excited anncr (353 11/25 Earhart-PA)(Spencer-OK)(Thompson-CA)(Yajko-PA)  
 11785 0230 ZYU61 R. Guabiro: PP om DJ Brazilian type mx TC at 0245 (222 11/19 Young-NJ)  
 11805 0109 ZY265 R. Globo: PP ID's sx commentary (544 11/15 Yajko-PA)  
 11865 0213 ZYB85 R. Clube Pernambuco: PP excited om announcing soccer game (343 11/11 Famularo-NY)  
 11925 2305 ZYE239 R. Bandedirantes: PP tx by y1 om special effects (333 12/2 Maghakian-NY)  
 15190 0024 PRK9 R. Inconfidencia: PP local group mx (43 11/16 Brooks-CT)



CANADA

6175 2340 EE; Game show (Animal, Vegetable or Mineral" TC at 2359 (343 12/2 Leistner-CA)  
 9580 1500 EE; nx symphony "Beethoven's Pastoral" (555 11/20 Fraser-MA)

RELAYS

6005 1235 EE; weather watch of approaching storms ID TC's rock mx (444 11/25 Famularo-NJ)(Lindsey-NJ) This is CFCX. ed  
 6070 0700 CFRX: EE ID nx some ads (222 11/20 Spencer-OK)(Lindsey-NJ)(Brookwell-CA)(Jones-MS)(Famularo-NJ)  
 6130 1730 CHNX: EE US pop mx with DJ aus ID (333 11/9 Young-NJ)(Fraser-MA)(Lindsey-NJ)(Donly-SC)(Rosinski-PA)  
 6160 1045 CKZN: re-inactment of Kennedy assassination (433 11/20 Zilmer-WI)

CHILE

9510 \*1102 CE951 Voice of Free Chile: SS IS ID tx LA mx (443 11/25 Zilmer-WI)  
 9565 0025 CE956 Voice of Free Chile: yl with commentary on Dutch English pirate raid of past (422 12/4 Uerlings-OK)(434 11/14 Miller-CA)(212 11/26 Yacono-NY)  
 9571 0304 CE957 Em. Diego Portales: nx program ID sign-off at 0333 (11/23 Morits-OH)  
 9750 1037 CE975 R. Minería: SS tx ads (Bango de Concepcion) (332 11/22 Jones-MS)  
 11705 0210 CEL17 Voice Free Chile: EE tx of counting wales in South Pacific (444 11/20 Earhart-PA)(Brookwell-CA)(333 12/12 Grenier-CA)(Mow-AR)(Baum-FL)(Utter-NY)(Stroh-IL)(Yajko-PA)(Famularo-NJ)(Stone-ONT)(Bryan-CA)(Jones-CA)  
 11810 0315 CEL18 Voice of Free Chile: EE tx about Chilean poets ID's soft mx (544 11/1 Jechenthal-IL)  
 15130 2240 CEL513 Voice of Free Chile: Italian om w/ ID's address commentary (544 11/18 Hall-CA)(Chituck-MD)(Felty-OH)(Thompson-CA)(Seller-BC)(Peck-NY)(Stone-ONT)(Potaczek-IL)(Hodson-MN)(Naylor-CA)(Link-CA)(Watts-IN)(Heath-KY)  
 15150 2310 CEL515 Voice of Free Chile: EE yl w/ tx about investing in Chile (454 12/6 Monjure-LA)  
 17800 2232 CEL178 Voice of Free Chile: Italian program weak het announcing 19, 25, 31, 49 meterbands (11/17 Hauser-TN)(Utter-NY)

COLOMBIA

4755 0150 HJEU Emis. Nuevo Mundo: SS ID's "Emis. Nuevo Mundo en Colombia" ads (222 11/12 Spencer-OK)(Davis-NJ)(333 11/14 Whitehead-Venezuela)  
 4785 0145 HJBG La Voz del Norte: SS mx EE ID at 0148 tx (333 11/25 Heath-KY)  
 4815 0335 HJVG R. Guatapurí: SS mx with children singing ID's om amcr (454 11/27 Heath-KY)(Prath-FL)(Ireland-TN)(Tannenwald-NY)(Young-NJ)(Davis-NJ)(Earhart-PA)  
 4865 0312 HJLZ La Voz del Cinaruco: SS local mx ID tx about male amcr (232 12/3 Davis-NJ)  
 4875 0345 HJEX LA Voz del Norte: SS tx by yl in SS complete ID at 0345 local mx (343 11/27 Davis-NJ)(Spencer-OK)(333 11/14 Whitehead-Venezuela)(343 10/20 Bryan-CA)  
 4885 0430 HJIG Ondas del Meta: SS om mx (333 11/26 Ireland-TN)  
 4945 0337 HJDM R. Colosal: SS mx from 0337-0400 then tx by om/yl (444 11/10 Young-NJ)(444 11/19 Thompson-NM)(Spencer-OK)(Peck-NY)(Levesque-IL)(Willis-PA)  
 4965 0246 HJAE R. Santa Fe: SS many ID's Colombian mx (333 11/20 Yajko-PA)(Spencer-OK)(Bryan-CA)  
 5010 1045 HJOX R. Surcolombiana: SS tx LA mx ID's (433 11/20 Zilmer-WI)(Tannenwald-NY)(Jones-MS)(Prath-FL)  
 5020 0350 HJFW Ecos del Atrato: SS Colombian mx om ID (333 10/20 Bryan-CA)(Jones-MS)(Blalze-LA)  
 5040 0640 HJOW R. Cinco: SS ID Caracol" ads (433 11/18 Jones-CA)(Zilmer-WI)  
 5075 0142 HJGC R. Sutatenza: SS Colombian mx om nx (444 11/27 Bryan-CA)(George-TX)(Jones-CA)(Ambruster-WI)  
 5095 0300 HJGG R. Sutatenza: SS mx ads nx mx (534 11/9 Stone-ONT)(Levesque-IL)  
 5954 1030 HJ?? La Voz de los Centauros: SS ID many Colombian mx poor audio (433 11/20 Zilmer-WI)(Jones-MS)  
 6065 0640 HJAX R. Super: SS ID Radio de capitol mx (222 11/20 Spencer-OK)  
 6115 0930 HJIE La Voz de Llano: SS LA vocals ID's (333 11/21 Tannenwald-NY)(353 6/16 Whitehead-Venezuela)(Jones-MS)  
 6150 0915 HJJZ La Voz de Huila: SS Colombian vocals ID's (333 11/21 Tannenwald-NY)(Prath-FL)(Maghakian-NY)  
 6160 1036 HJKJ Emis. Nuevo Mundo: SS Colombian mx yl ID slow om vocals (444 11/26 Famularo-NJ)  
 9655 2320 HJZM Radio Nacional: SS tx mx (433 12/5 Thompson-CA)(Donly-SC)(Baldwin-NC)  
 15335 0410 HJZP R. Nacional: SS opera type mx vocals (454 12/1 Maghakian-NY)

COSTA RICA

4832 0440 TIHB R. Reloj: SS ID LA mx (322 11/19 Spencer-OK)(433 11/25 Jones-CA)  
(Prath-FL)(Ireland-TN)(Baldwin-NC)(Levesque-IL)(Ambruster-WI)  
(Blaize-LA)(Peck-NY)

6006 0645 TIHB R. Reloj: SS // 4832 La mx heavy QRM ID's (412 11/18 Blaize-LA)  
(Karcheski-MA)(Thompson-CA)(McCurdy-CA)

CUBA

6060 0419 RHC: SS tx by om/yl ID's lively Cuban mx nx (443 11/15 Maghakian-NY)

9525 0640 RHC: EE propaganda by om/yl (433 11/25 Bowman-GA)(Seiler-BC)  
(Drumheller-PA)

9685 0500 RHC: EE nx Spotlight on LA ID freq's (555 11/13 Seiler-BG)(McCurdy-CA) These  
reports go against the 11/7 schedule received from RHC, ed

11725 0100 RHC: EE om/yl nx commentary on "Great October Revolution" (434 11/15  
Johnson-FL)

11760 0510 RHC: EE nx and tx about Middle East peace conference ID's (444 11/23 Young-  
NJ)(Garner-ONT)

17750 2122 RHC: EE nx mx (11/18 Drumheller-PA)

17885 2030 RHC: EE nx tx (443 11/19 Prath-FL)(Stone-ONT)(Smith-FL)

DOM. REP

4785 0248 HIAS Ondas Musical: SS mx to 0251 on tx QRM and RTTY interference ads ID's  
(323 12/4 Earhart-PA)

4930 0145 HIBE R. Mil: SS om with ID then soft vocal pop mx (433 12/3 Uerlings-OR)  
(Levesque-IL)(Earhart-PA)(Maghakian-NY)(Hoffman-PA)(Skora-ONT)(Thomp-  
son-CA)(Dalum-IN)(Davis-NJ)(Poole-GA)(Jones-CA)(Tannenwald-NY)

11700 0105 HILR R. Clarin: SS ads LA vocals ID's (Yajko-PA)(Stone-ONT)(Smith-FL)  
(Bowman-GA)(Link-CA)(Mellinger-NJ)(Elder-SASK)(Hodson-MN)(Johnson-FL)  
(Spencer-OK)(Hauser-TN)(Hoffman-PA)(Seiler-BC)(Dutkowski-BC)(Mayer-CA)  
Blaize-LA)(Earhart-PA)(Dalum-IN)(Hall-CA)(Thompson-CA)(Rosinski-PA)

ECUADOR

3270 0300 HCEI6 R. Cosmopolita: SS Ecuadorian mx (322 11/26 Willis-PA)

3315 1055 HCRP7 R. Pastaza: SS folk piano tunes w/ tx in between freq's (11/24  
Moritz-OH)

3380 0220 HCDY4 R. Iris: SS Ecuadorian mx ID's (434 11/22 Koval-NJ)(353 Whitehead-  
Venezuela)

3390 0305 HCOT1 R. Zaracay: SS om mx (433 11/18 Ireland-TN)(Mayer-CA)(Prath-FL)

4680 0410 HCWEL R. Nac. Espejo: SS Ecuadorian mx vocals guitar mx ID's ID's (3+3  
11/23 Thompson-NM)(Davis-NJ)(Spencer-OK)(Mayer-CA)(Jones-CA)

4795 0120 HCAS4 La Voz de los Caras: om/yl alternating an apparent political tx ID  
group of women in folk songs (11/19 Moritz-OH)

4850 0429 HCCV3 Ondas del Zamora: SS vocals some ballads ID's (11/25 Moritz-OH)

4870 0130 HCGM7 R. Rio Amazonas: SS mx yl/om annor ID ads (333 11/27 Bryan-CA)  
(Jones-MS)

4910 0350 HGMJ1 Emis. Gran Colombia: SS ID Ecuadorian mx ads (333 11/26 Koval-NJ)

4920 0440 HCRQ1 R. Quito: SS light Ecuadorian mx ID's by om suddenly off at 0455.  
(3+3 11/12 Maghakian-NY)(Famularo-NJ)

5060 0342 HCEH3 Sist. De emis. Progreso: SS Andean mx anmts ID's (333 11/20 Jones-  
CA)(Naylor-CA)(Jones-MS)

7600 0348 HDZIOA Time Station: SS time pips on the minute anmts in SS (453 11/7  
Peck-NY)

GALAPAGOS ISLAND

4810 0225 HCVG8 LV de los Galapagos: SS sx nx revista de deportivo ID's (444 11/20  
Jones-CA)

GRENADA

15105 2020 Radio Grenada: EE pop mx "Radio Grenada Newspot" anmts TC's ID's (353 11/  
17 Heath-KY)(Becherer-MA)(Utter-NY)(Zilmer-WI)

GUATEMALA

2360 1100 TGBA R. Mayo de Barillas: SS mx program om w/ ads (222 11/26 Prath-FL)

2390 0005 TGDS LV de Atilan: SS lots of noise but definite ID by om at 0013 typical  
LA mx (252 11/11 Levesque-IL)(Yajko-PA)(Donly-SC)

3300 0206 TGNC R. Cultural: EE religious mx (232 12/12 Grenier-CA)(Hodson-MN)(Young-  
NJ)(Thompson-NM)(Peck-NY)(Tannenwald-NY)(Johnson-FL)

3360 1122 TGVN La Voz de Nahuala: SS Marimba mx w/ occasional Brass ID's (343 11/25  
Earhart-PA)

4825 0050 TGMN R. Mam: SS anmts ID's mx (444 Jones-CA)

4835 1157 TGTZ R. Tesulutlan: Indian language marimba mx many ID's (433 11/22 Jones-  
MS)

GUATEMALA cont.

6158 1226 TGRZ R. Miramundo: SS TC ID marimba mx finally got an ID after several weeks of trying (333 11/29 Jones-MS)(Moritz-OH)  
 6180 1159 TGWB R. Nacional: SS marimba mx many ID's call letters (444 11/23 Jones-MS) (Jones-CA)

GUYANA

3385 0020 FR3: FF DJ type prgm w/ local and American mx ID's (232 11/26 Donly-SC)

HONDURAS

4780 1115 HRRZ R. Juticalpa: SS mx ads amts (333 11/26 Tannenwald-NY)(Jones-MS)  
 4820 0318 HRVC LV Evangelica: EE religious program (333 12/1 Davis-NJ)(Leistner-CA) (Mayer-CA)(Thompson-NM)(Tannenwald-NY)  
 4920 1125 HRPL3 R. Progreso: SS LA mx ID's (323 11/27 Tannenwald-NY)(Heath-KY)  
 6075 1225 HRMH5 LV del Junco: SS on tx ID at 1230 tx short nx bridges (11/24 Moritz-OH)(Jones-MS)

MEXICO

2390 0130 XEJN R. Huayacocotla: SS Mexican mx vocals many IDs off at 0238 (444 12/4 Thompson-NM)  
 5985 1331 XEMRX R. Mexico: SS prgm schedule for day by yl 1330 sign/on? (443 11/20 Jones-MS)  
 6105 1130 XEQM Su Pantera: SS Mexican mx ads (333 11/25 Tannenwald-NY)  
 6165 1117 XEWW LV de America Latina: SS ID many repetitions of "XEWW" pop mx (322 11/22 Jones-MS)  
 9515 0442 XEWW LV de America Latina: SS Futbol nx (322 11/30 Jones-CA)  
 9705 1400 XEMRX R. Mexico: SS yl DJ w/ es mx (333 11/13 Prath-FL)  
 15175 2146 XEWW LV de la America Latina: SS ID tx (323 11/13 Yajko-PA)  
 15385 2320 XEMRX R. Mexico: SS mx tango Pasadorles ID (443 11/30 Smith-FL)(Thompson-CA)(Mellinger-NJ)(Mayer-CA)  
 15400 0020 XEMRX R. Mexico: SS ID freq's (433 11/27 Mayer-CA)(Davis-SC)

NETH. ANTRADIO NEDERLAND

6165 0245 EE; "Happy Station" (333 12/5 Grenier-CA)(Woltman-WI)(Mappin-WA)(Seiler-BC)(Young-NJ)(Garner-ONT)  
 9590 0300 SS; "Letterbox" w/ letters from listeners (555 11/16 Stone-ONT)(Miller-CA) (Baum-FL)(Yohana-NJ)(Blaize-LA)(Hauser-TN)  
 9715 0555 EE; "Work and Peoples Program" (545 11/26 Thompson-CA)(Seiler-BC)(Smith-FL) (Yohana-NJ)  
 11925 0125 EE; Hymn's etc "Back to God Hour" nx sign/off at 0133 (343 12/4 Earhart-PA)  
 17810 2030 EE; IS sign-on nx of Sadat's visit to Isreal (444 11/17 Blaize-LA)  
 21640 1915 DD; tx and mx to 1918 then ID and sign-off. (343 11/6 Earhart-PA) New timing. ed(Blaize-LA)(Grenier-CA)(Stone-ONT)(Naylor-CA)

TWR

11790 0229 SS; om ID's mx tx about TWR (343 11/23 Hall-CA)  
 11815 1233 EE; "Thru the Bible" sign-off at 1235 (454 12/5 Thompson-CA)(Willis-PA) (Garner-ONT)  
 11830 2155 FF; om EE prgm into FF at 2200 (434 12/4 Hall-CA)(Johnson-FL)  
 11925 0037 EE; Religious mx (554 11/7 Somers-CA)(Thompson-CA)(Johnson-FL)(Young-NJ) (Blaize-TN)(Baum-FL)

NICARAGUA

2200 2330 YNQR R. La Linder: SS American pop mx w/ EE vocals ID's (242 12/2 Donly-SC)(Baldwin-NC)(Earhart-PA)  
 5945 0650 --- R. Dif Nacional: SS om w/ easy listing mx many ID's tx (544 12/9 Thompson-CA)(Ambruster-WI)(Maghakian-NY)(Jones-MS)(Watts-IN)(Hall-CA) (Grenier-CA)(Gavara-MN)

PERU

4790 0235 OAX8F R. Atlantida: SS LA mx (222 11/12 Spencer-CK)(Yajko-PA)(Jones-MS) (Davis-NJ)(Tannenwald-NY)  
 4615 0324 OAX8X R. Samaren: SS ID TC's easy listing mx (343 12/7 Jones-MS)  
 4860 0720 OB24Z R. Chinchaycocha: SS yl in rustic del campo vocals tx ID's (11/15 Moritz-OH)(Koval-NJ)  
 5025 1057 OAX7Q R. Quillabamba: SS mx call letters freq's anthem (242 11/30 Jones-MS)  
 5055t 1103 OAX7O Onda Imperial: SS Campesino mx real mess on this frequency (11/24 Moritz-OH)  
 5970 0200 CBX4Q R. El Sol: SS om ID brief mx ads (433 11/27 Bryan-CA)(Jones-CA)

PERU cont.

5980 0504 OBX4M R. Panamericana: SS mx anmts nx (43; 11/22 Jones-CA)(Spencer-OK)  
(Jones-MS)  
6020 1040 OAX4Q R. Victoria: SS ID local pop mx ads chorus and accordin mx (342 11/  
25 Zilmer-WI)(Jones-MS)  
6175 1010 OAX7C R. Tawantin: SS y1 w/ ID fry's Peruvian mx (312 11/21 Jones-MS)  
6195 1032 OAX7A R. Cuzco: SS Peruvian campo mx TC's enthusiastic DJ QRM (222 11/29  
Jones-MS)  
9505 1030 OAX4V R. America: SS ID Peruvian mx bad het (322 11/22 Jones-MS)(Thompson-  
CA)(Zilmer-WI)  
9518 1045 OAX4J R. La Cronica: SS IS ID Peruvian style mx tx (433 11/25 Zilmer-WI)  
9675 1100 OAZ4L R. Del Pacifico: SS ID religious program (433 11/25 Zilmer-WI)

SURINAM

4780 0313 SRS: EE/DD pop mx om anncr ads (33; 11/20 Bryan-CA)(Dalum-IN)(Spencer-OK)  
(Young-NJ)

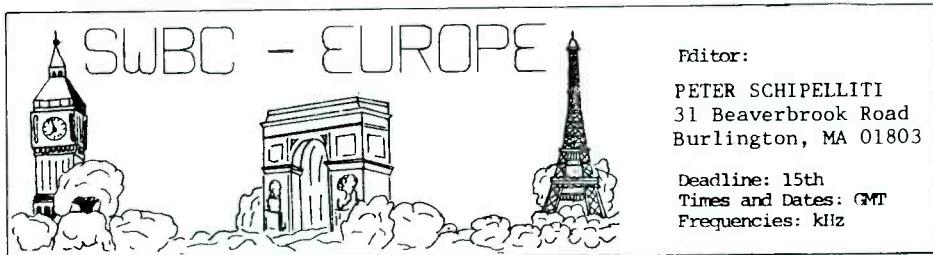
URUGUAY

9515 0255 CXA71 S.O.D.R.E: SS ID at 0256 frequencies given mx (433 11/24 Heath-KY)  
(Gavaras-MN)(Peck-NY)  
11835 2300 CXA19 R. Espectador: SS tango mx station ID (444 11/11 Stone-ONT)(Dalum-IN)  
(YaJko-PA)(Uerlings-OR)(Maghakian-NY)  
11885 0035 CXA68 S.O.R.D.E: EE tx about Uruguayan meat production ID fire warnings nx  
(12/2 Hauser-TN)(Donly)(Heath-KY)

VENEZUELA

3225 2240 YVTC R. Occidente: SS Distributadores Panamericana Laboratorios Perez local  
ads TC's pop mx (353 11/15 Whitehead-VENEZUELA)  
3255 0214 YVQL LV de Tigre: SS mx tx ID's QRM (322 12/4 Earhart-PA)  
3275 0200 YVML R. Mara: SS ID "Radio Mara" Polar Beer ad and festival of mx (34; 11/  
15 Whitehead-VENEZUELA)  
3385 0130 YVQT R. Barcelona: SS ads tx mx (323 11/25 Tannenwald-NY)  
3395 0210 YVQJ R. Universidad: SS ID "Radio Universidad La Emisora de Meridad Radio  
Novela" (434 11/15 Whitehead-VENEZUELA)(222 11/11 Davis-SC)(222 Brook-  
well-CA)  
4770 0125 YVNW R. Bolivar: SS ads LA mx (333 11/13 YaJko-PA)(Spencer-OK)(Thompson-  
NM)(Earhart-PA)(333 11/18 Bryan-CA)(Tannenwald-NY)  
4800 0300 YVMO R. Lara: SS y1 ID lively Latins (444 11/12 Wail-CA)(333 11/25 Tann-  
enwald-NY)(Thompson-NM)(Thompson-CA)(Whitehead-VENEZUELA)  
4810 0229 YVMG R. Popular: SS vocal mx sung by y1 ID tx (433 12/2 Davis-NJ)(Young-NJ)  
4830 0215 YVOB R. Tachira: SS tx by y1 ID ads (444 12/1 Davis-NJ)(Whitehead-VENEZUELA)  
4840 0135 YVOI R. Valera: SS pop tunes "Windmills of my mind" ads (443 11/11 George-  
TX)(433 12/3 Davis-NJ)(Heath-KY)  
4850 0045 YVKK R. Capital: SS Venezuelan mx ads anmts (333 11/25 Tannenwald-NY)  
4860 2210 YVQE R. Maracaibo: SS pop mx w/ ID's between discs (454 11/14 Whitehead-  
VENEZUELA)  
4880 0235 YVMS R. Universo: SS ID by om lively Latin American mx (354 11/14 Ambruster-  
WI)(Earhart-PA)(333 11/26 Mayer-CA)(Bryan-CA)(Tannenwald-NY)(433 11/14  
Whitehead-VENEZUELA)  
4890 0339 YVKB R. Dif. Venezuela: SS ID's Venezuelan mx (322 11/26 Mayer-CA)  
4900 0110 YVMK R. Juventud: SS Venezuelan mx ads ID's (333 11/26 Tannenwald-NY)  
(Thompson-NM)(Davis-NJ)(Mayer-CA)(Bryan-CA)(Whitehead-VENEZUELA)  
4960 0945 YVAO R. Sucre: SS Venezuelan mx tx ID's (322 11/17 Tannenwald-NY)(333 11/  
14 Whitehead-VENEZUELA)  
4970 0735 YVLK R. Rumbos: SS om / mx ID's ads (433 11/22 Thompson-CA)(Thompson-NM)  
(Mayer-CA)(Spencer-OK)(Blaise-LA)(Prath-FL)(Davis-NJ)  
4980 0140 YVOC Ecos del Torbes: SS ads Venezuelan mx ID's (433 11/27 Koval-NJ)(Poole-  
GA)(Tannenwald-NY)(Ambruster-WI)(Mayer-CA)  
4990 0200 YVMQ R. Barquisimeto: SS non stop Venezuelan mx ID's (444 11/13 Stone-ONT)  
(Ambruster-WI)  
5030 0218 YVMK R. Reloj: SS two om w/ tx possibly sports (443 11/11 Naylor-CA)  
(Thompson-CA)(Davis-NJ)(Bryan-CA)(Prath-FL)(Poole-GA)  
5050 0305 YVKD R. Mundial: SS tx Venezuelan mx vocal ID's (443 12/10 Poole-GA)  
6190 0341 YVPC Ecos del Torbes: SS Venezuelan pop mx ID IS (232 11/30 Bryan-CA)  
9660 0704 YVLM R. Rumbos: SS ID om/tx mx ads ID's (433 11/22 Thompson-CA)(444 10/6  
Koval-NJ)(Bowman-GA)(Davis-NJ)(Jones-CA)  
15400 2210 YVRO R. Nacional: EE local mx ID w/ freq's in SS and EE local mx (343 11/17  
Donly-SC)

Well thats it for this month. Over 70 reporters this month. I thank Jim Whitehead  
for all his loggings from Venezuela. See you in '78



Editor:

PETER SCHIPELLITI  
31 Beaverbrook Road  
Burlington, MA 01803

Deadline: 15th  
Times and Dates: GMT  
Frequencies: kHz

ALBANIA

- 5057 0605 R. Gjirokaster: Albanian, Oriental Mx, ID by YL at 0616, pgm of Classical Mx, (444 11/24 Donly-SC)(444 11/11 Karcheski-MA)(333 11/6 Peck-NY)(344 11/13 Beaudoin-CT)(433 Maghakian-NY)(323 11/18 Blaize-LA)
- 6200 0130 R. Tirana: EE, tlks on Marxist Leninist (444 11/9 Stone-ONT)(343 11/16 Bowman-GA)(433 11/12 Yajko-PA)
- 7065 1830 R. Tirana: EE, Nx, ID, Cmnty, Mx (333 11/17 Bourne-OKINAWA); 2041-EE (444 12/9 Schipelliti-MA); 2205-EE (222 11/26 Yacono-NY); 0005-EE (554 11/7 Prath-FL)(544 11/21 Blaize-TN)(444 11/12 Yajko-PA)
- 7120 0109 R. Peking Relay via Tirana: EE, //9780 worse (433 12/1 Schipelliti-MA)
- 7300 0230 R. Tirana: EE, Anthem, YL w/ Nx of October Revolution celebration (433 11/8 Blaize-LA)(222 11/10 Hodson-MN)(323 11/1 Jechental-IL); 0145-EE (322 11/12 Davis-SC)
- 9480 1885 R. Tirana: EE, YL w/ cmnty on England's communist party (333 11/28 Uerlings-OR); 2032-EE (333 11/28 Fowler-ONT)
- 9500 0653 R. Tirana: EE, Nx by OM, cmnty (354 12/18 Schipelliti-MA)(444 11/20 Hall-CA)
- 9750 0000 R. Tirana: EE, ID, Nx, Anthem (523 11/21 Blaize-TN)
- 9780 0109 R. Peking Relay via Tirana: EE, cmnty on Somalia (343 11/17 Fowler-ONT); 0315-EE (343 11/8 Prath-FL)
- 11985 1400 R. Tirana: EE, YL annrcs w/ Nx, political tlks abt 2nd & 3rd world countries, Mx, s/off 1428 (554 12/5 Carrier-FL); 1555\*-EE (222 11/27 Yacono-NY)

AUSTRIA

- 9770 0200 Osterreichischer Rundfunk: GG, press cmnty, cl Mx (555 11/18 Johnson-FL) Sorry, Out of Order.ps.
- 6155 0335 ORF: EE, Nx, tlk on Energy crisis (222 11/27 Yacono-NY); 2350-SS (323 11/28 Uerlings-OR); 0555-GG (232 11/31 Beaudoin-CT)
- 9770 0130 ORF: EE, Nx, cmnty, filk Mx, tourist info, (434 11/12 Johnson-FL)(434 11/13 Yajko-PA)(444 11/2 Fraser-MA)(423 11/6 Baum-FL)
- 17705 1230 ORF: EE, "Around Austria" tlk on Economy & Skiing (222 12/1 Hoffman-PA) shouldn't this be 17710 kHz.ps?

BELGIUM

- 6080 0025 BRT/RTB: EE, OM/YL annrcs, variety of Mx (444 11/23 Pecenka-IN)(444 11/13 Fraser-MA)(434 11/12 Yajko-PA)(434 11/22 Perry-QUE)(433 11/12 Spencer-OK)(423 11/21 Blaize-TN)(333 11/12 Levesque-IL)
- 11940 1716 BRT/RTB: EE, Pop Mx, tlks by OM, Nx of Power station construction (332 12/1 Donly-SC)
- 21460 1550 BRT/RTB: FF, Glenn Miller Mx & other 40's Mx (232 11/24 Willis-PA)(343 11/21 Maghakian-NY)(344 11/25 Uerlings-OR)

BULGARIA

- 5915 2130 R. Sofia: EF, Nx, Youth Magazine pgm (454 11/20 Baum-FL)(354 11/20 Fraser-MA)(444 Maghakian-NY)
- 6070 1930 R. Sofia: EE, Nx, answers to listeners questions concerning the theatre, Mx (555 11/26 Proom-GREAT BRITAIN); 2130-EE (555 11/18 Johnson-FL); 0000-EE (333 11/7 Peck-NY)(333 11/12 Yajko-PA); 0400-EE (553 12/5 Lindsay-NJ)
- 7100 2330 R. Sofia: EE, Nx, cmnty (333 11/24 T. Smith-FL); 0441-EF (333 11/18 Smith-FL)
- 7115 2230 R. Sofia: EE, s/on w/ pgm sked, Nx by YL, pgm "Christmas in Sofia" (544 12/4 Donly-SC); 0430-EE (433 11/24 Zilmer-WI)(453 12/12 T. Smith-FL)
- 7270 1955 R. Sofia: EE, mailbag till 2000\*, ID (333 12/11 Lobdell-MA)

CZECHOSLOVAKIA

- 5930 2000 R. Prague: EF, Nx, serial on the CIA (553 11/26 Proom-GREAT BRITAIN); 0130-EE (333 11/17 Stone-ONT)(433 11/13 Yajko-PA)(433 11/12 Spencer-OK)(544 11/11 Prath-FL)(444 12/4 Drumpfeller-PA)
- 6055 0645 R. Prague: Inter pgm, YL w/ IDs, annrcs & Pop Mx (433 11/8 Hoffman-PA)
- 7345 0130 R. Prague: EE, Youth pgm, DX Chat (444 12/1 Koval-NJ)(444 12/1 Schipelliti-MA)(433 12/10 Mayer-CA)(433 11/27 Pearson-PA)(544 11/3 Stone-ONT)(443 11/7 Prath-FL); 0315-EE (434 11/20 Ireland-TN)(444 11/1 Jechental-IL)

CZECHOSLOVAKIA (cont'd)

9540 0129 R. Prague: EE, "Sportsroundup" (333 11/22 Fowler-ONT)(555 11/4 Fraser-MA)  
0050-SS (433 11/13 Prath-FL)  
9605 1435 R. Prague: EE, Nx, Mx, Topics of the Day (434 11/29 Miller-CA)(343 12/9  
Linic-CA)  
11990 \*1730 R. Prague: EE, ID heard followed by Nx & cmntry (333 11/25 Yacono-NY)  
15395 0835 R. Prague: EE, Nx, "Weekend Magazine" (333 11/19 Bowers-TURKEY)

DENMARK

15165 1215 R. Denmark: Danish, Nx, EE Pop Tune (444 11/30 Mellinger-NJ); 1305-EE ID  
(433 11/25 Yajko-PA)

FINLAND

15105 1305 R. Finland: EE, Mailbag pgm w/ Mx (323 11/20 Prath-FL)(444 12/4 Mellinger-NJ)  
(433 11/19 Garner-ONT)(//11755 434 11/13 Yajko-PA)

FRANCE

9510 \*0400 R. France International: FF, IS, ID, tlks by OM (444 Maghakian-NY) to Africa.ps  
9605 1715 RFI: EE, OM w/ Nx of Africa (343 11/28 Uerlings-OR)  
11705 1715 RFI: EE, OM w/ interview & cmntry on S. Africa (433 12/3 Uerlings-OR)(322 11  
/17 Lobdell-MA)(444 11/20 Hall-CA); 1950-FF (444 11/24 Maghakian-NY)  
11825 1425 RFI: EE, Nx, Mx, IDs (333 11/14 Miller-CA)  
11890 1708 RFI: EE, Mx & Nx to Africa //11705, 11965, 15300, 15210 & 15425 kHz. (322  
11/25 Maghakian-NY)  
11930 1703 RFI: EE, "Paris Calling Africa" (443 11/27 Garner-ONT)(433 11/20 Heath-KY)  
11965 1705 RFI: EE, "PCA" Nx & Mx (343 11/14 T. Smith-FL)(444 11/13 Yajko-PA)(444 11/13  
Fraser-MA)(444 12/4 Earhart-PA)  
15155 1420 RFI: FF, Mxical comedy type singing of female & several males (454 11/26  
Earhart-PA)  
15160 1310 RFI: FF, OM DJ, Mx, IDs (343 11/25 Davis-SC)  
15210 1718 RFI: EE, PCA, //15300, 15360 (434 11/13 Yajko-PA)(555 12/4 Lindsey-NJ)(353  
11/25 Prath-FL)  
15300 1706 RFI: EE, "PCA" (444 11/30 Seiler-BC)  
15315 1742 RFI: EE, Nx pgm (343 11/12 Poole-GA)  
15360 1718 RFI: EE, Mx, tlks, ID in FF/EE, gave their address (444 11/27 Mayer-CA)  
15365 1705 RFI: EE, "PCA" (353 11/15 Seiler-BC) I think that this is 15360. ps.  
17720 1533 RFI: FF, OM w/ sport-cast (333 11/27 Bryan-CA)  
17780 1200 RFI: FF, OM w/ interview (343 11/26 Willis-PA); 1617-FF (333 11/27 Bryan-CA)  
17850 1624 RFI: FF, 2 OM w/ tlks (333 11/27 Bryan-CA)  
21580 1540 RFI: EE, OM, Mx, ID to FF at 1550 (333 11/24 Hodson-MN)

GERMANY, DEMOCRATIC REPUBLIC OF

9730 0105 R. Berlin International: EE, OM w/ Nx & ID (322 11/26 Uerlings-OR)  
11700 2144 RFI: EE, Mailbag pgm, Mx, African svc. (343 11/21 Yajko-PA)  
15145 1810 RFI: EE, Nx, Afro & GG Mx //15170 much better (343 11/8 Maghakian-NY)  
15170 1809 RFI: EE, Nx & Mx (333 11/12 Yajko-PA)(459-FF 333 11/13 Naylor-CA)  
17880 1415 RFI: EE, tlk abt Leipzig film festival, "GDR Review" (333 11/20 Bowers-TURKEY)  
(454 11/12 Carrier-FL); 1245-GG (444 11/9 Maghakian-NY); 1240-EE (333 11/25  
Yajko-PA)  
21540 1405 RFI: EE, Nx, ID, "60 Red Songs" (343 11/5 T. Smith-FL)(322 11/13 Prath-FL)

GERMANY, FEDERAL REPUBLIC OF

3995 0545 Deutsche Welle: GG, Mx... "Oh my Papa", ID & IS, 0550\* (222 11/19 T. Smith-  
FL)(444 11/17 Case-PA)  
6010 0130 Deutsche Welle: EE, "Current Affairs Magazine" (555 11/18 Johnson-FL)(544  
11/23 Blaize-TN)  
6075 0306 Deutsche Welle: GG, pgm of Mx & GG cmntry (544 12/9 Mappin-WA)  
6145 0338 Deutsche Welle: GG, OM, Nx (333 11/30 Bryan-CA)(343 11/13 T. Smith-FL)  
6185 0530 Deutsche Welle: EE, OM & YL w/ Nx (322 11/6 Hodson-MN)  
7265 0016 Sudwestfunk: GG, Lite Mx, Some good jazz, very little tlk, ID at 0027 by OM  
(332 12/3 Donly-SC)(0450 444 11/24 Maghakian-NY)(0750 423 11/22 Davis-SC)  
9640 1800 Deutsche Welle: GG, world Nx & cl Mx (343 11/24 Willis-PA)  
9735 1730 Deutsche Welle: EE, Nx, IS (353 11/29 Thompson-CA); 2258-GG (333 11/15 Hall-CA)  
9765 2145 Deutsche Welle: EE, Sports Report, Asian service (444 11/24 Zilmer-WI)  
11795 1415 Deutsche Welle: GG, cl Mx, ID, IS, Nx (434 11/24 Blaize-TN)(544 11/25 Willis-  
15135 1940 Deutsche Welle: EE, Sports Magazine, ID, then freqs (343 11/3 Smith-FL) PA  
15135?? Haven't seen this freq at this time period before. possibly 15150? ps  
17875 1235 Deutsche Welle: EE, tlk on noise pollution (343 11/9 Maghakian-NY) 1245\*

GREAT BRITAIN

7325 0020 British Broadcasting Corporation: EE, "Radio Newsreel" (443 11/21 Prath-FL)  
(242 12/5 Pecenska-IN) -TN)  
9915 2255 BBC: EE, Nx (322 11/11 Spencer-OK)(222 11/27 Dutkowski-BC)(322 11/17 Ireland

GREAT BRITAIN (cont'd)

11750 0713 BBC: EE, Nx abt Britain (444 11/20 Hall-CA)  
 12095 1645 BBC: EE, "World Service" Barely audible (222 12/9 Brookwell-CA)  
 15070 1455 BBC: EE, tlk on spys, world Nx (222 11/24 Willis-PA)  
 17695 0729 BBC: EE, Drama, Mx, OM ID, (343 11/27 Bryan-CA)  
 21710 1215 BBC: EE, Mx, play at 1230 (454 11/25 Prath-FL)(232 11/8 Smith-FL)

GREECE

7270 0540 VOA Relay via Kavala: EE, tlk abt books dealing w/ Black American developments (343 11/29 T. Smith-FL)  
 9530 1900 Voice of Greece: Greek, IS, Nx by OM, Greek Mx/ EE Nx at 1920 (444 11/26 Maghakian-NY)  
 9760 0015 Voice of Greece: EE, Nx on todays general elections (444 11/20 Johnson-FL) (232 11/24 Murphy-NY)(222 11/20 Hodson-MN)(544 11/6 Stone-ONT)(433 11/12 Peek-NY); 1402-EE (434 12/2 Miller-CA)  
 11730 0015 Voice of Greece: EE, Nx by OM (443 12/11 Mayer-CA)(453 12/10 Link-CA)

HUNGARY

6000 0300 R. Budapest: EE, ID, world Nx, cmntry (444 11/27 Yacono-NY)  
 6105 0401 R. Budapest: EE, DX corner (444 12/3 Maghakian-NY) -MA  
 6110 2113 R. Budapest: EE, tlk abt trade w/ USA (343 11/24 Yajko-PA)(344 12/8 Schipelliti-MA)  
 6160 0200 R. Budapest: Nx in EE, cmntry on wine production (433 11/9 Stone-ONT)(422 12/7 Feltly-OH); 2359-SS (343 11/19 Maghakian-NY)  
 9585 0205 R. Budapest: EE, tlk on October Socialist Revolution (423 11/6 Baum-FL)(342 12/10 Link-CA)(343 11/13 Fowler-ONT)(444 11/13 Yajko-PA)(443 11/11 Fraser-MA) ; 1729-OG (433 11/25 Donly-SC)  
 15160 1209 R. Budapest: EE, Nx & cmntry (444 11/22 Maghakian-NY)  
 21525 1439 R. Budapest: EE, cmntry, "Looking Around"---current events pgm (242 11/22 Maghakian-NY)

ICELAND

12175 1200 Voice of Iceland: Icelandic, OM w/ short annmcs, local choir & inst. Mx, poor modulation, het from Ute (222 11/30 Hoffman-PA)

ITALY

6010 0103 Radiotelevisione Italiana: EE, Nx by YL (444 12/1 Schipelliti-MA)(433 11/12 Yajko-PA)(423 11/23 Blaize-TN)(444 12/4 Pecenka-IL); 0055-Ital. (434 11/6 Perry-QUE)  
 6075 0429 RAI: EE, Nx by YL, to Medit. Area (322 11/24 Maghakian-NY)  
 9575 0100 RAI: EE, ID, lengthy nxcst, lite Mx (333 12/6 Koval-NJ)  
 21690 1400 RAI: Ital, S/on calling Canada, Nx (444 11/13 Beaudoin-CT); 1638-Somalia (444 11/14 T. Smith-FL)

LUXEMBOURG

6090 0000 R. Luxembourg: EE, OM DJ, Rock Mx, ID as the "Big 1" (433 11/16 Ireland-TN) (343 11/25 Prath-FL)(322 11/28 Mayer-CA)(322 11/15 Davis-SC)(333 11/31 Beaudoin-CT)(322 12/1 Davis-SC)(222 11/12 Spencer-OK)(454 11/23 Pecenka-IL) (433 11/10 George-TX)(333 11/13 Yajko-PA)(343 11/13 T. Smith-FL)(222 11/26 Yacono-NY)(544 11/5 Carrier-FL)

MALTA

5990 2110 R. Mediterran: EE, Malta Calling, tlks, Mx, ID, Wx, s/off at 2115 (343 11/19 Heath-KY)  
 6100 \*0130 Deutsche Welle Relay: EE, Nx (444 11/26 Stroh-IL)(544 12/7 Koval-NJ)  
 11865 \*0130 Deutsche Welle Relay: EE, OM anncr, ID, freq annmct, Nx, "Thursday Magazine" 0150\* (454 11/11 Carrier-FL)(211 11/23 Blaize-TN)

MONACO

7105 0830 Trans World Radio: EE, ID as "This is Monte Carlo" followed by "The Way to Life Hour" (343 11/5 Fowler-ONT)(323 11/22 Davis-SC) ; \*0725-EE (555 11/26 Onken-IL)(454 11/28 Donly-SC)  
 9610 1027 Trans World Radio: EE, IS, ID, "Search for the Scriptures" 1045\* (333 11/16 Lobdell-MA)

NETHERLANDS

6020 2115 R. Nederland: EE, DX Jukebox //6085, 9715 (433 11/24 Zilmer-WI)  
 6085 2145 R. Nederland: EE, DX Jukebox, Dutch-EE lang lesson (433 11/24 Zilmer-WI)  
 9660 0845 R. Nederland: EE, tlk show w/ Mx (443 12/4 Prath-FL)  
 9715 2130 R. Nederland: EE, Nx (433 12/3 Willis-PA)  
 11740 2028 R. Nederland: EE, to Africa (322 11/28 Dutkowski-BC)

Have a Happy and Healthy 1978.

Good DX to all!

NORWAY

9550 0000 R. Norway: EE, National Anthem, ID, "Norway this Week" (422 11/14 Seiler-BC)  
 9590 2205 R. Norway: EE, Nx abt Norway//9610, 11860 (433 11/13 Yajko-PA)(333 11/20  
 Maghakian-NY); 0200-EE (433 11/21 Zilmer-WI); 0100-Norw. (533 11/11 Seiler-BC)  
 (444 11/23 Hall-CA)  
 15175 1600 R. Norway: EE, Nx, Economics (543 11/20 Lindsey-NJ)(222 11/27 Yacono-NY)  
 (552 11/9 Somers-CA)(333 11/27 Hodson-MN)  
 21730 1600 R. Norway: EE, "Norway This Week" (242 11/13 Lobdell-MA); 1455-Norw. (443 10/  
 30 Peck-NY)  
 Too many stations are ignoring the advantages of the 13mb in their NAM bcst;  
 there's something wrong with freq. planning when, for example, NRK is heard  
 better here, SIO 254, at 1602 11/6, tho not beamed to NAM; whilst 15175 and  
 11895 which are, are heavily QRMed and/or weak (Hauser-TN)

POLAND

6095 \*0200 Polish Radio: EE, Intro by OM, anncd //i's of 6135, 9525, 11815 & 15120 kHz.  
 (333 12/1 Schipelliti-MA)(322 11/8 Prath-FL); 0325-EE (322 11/9 Maghakian-NY)  
 7270 0200 Polish Radio: EE, IDs, Nx, cmntry, Mx (222 12/10 Poole-GA)  
 9540 1600 Polish Radio: EE, "This Week in Poland" (433 11/27 Garner-ONT)  
 9675 0629 Polish Radio: EE, IS, Nx, cmntry on West Germany (343 11/21 Donly-SC)

PORTUGAL

6025 0305 R. Portugal: EE, Nx till 0316 (333 11/30 Mayer-CA)(544 11/20 Lindsey-NJ)  
 (333 12/11 Poage-KY); 0330-PP (343 11/25 Pecenka-IN); 0500-EE (333 12/3  
 Garner-ONT)  
 9670 2120 Adventist World Radio: EE, OM w/ a sermon (222 12/6 Baldwin-NC) ; 0859-EE  
 (333 11/13 T. Smith-FL)  
 9740 2040 R. Portugal: EE, Eur svc, lite Mx, ID at 2059, into FF (322 11/12 Fowler-ONT)  
 2210-II (323 11/12 Perry-QUE)  
 11935 0316 R. Portugal: EE, Press Review (444 11/13 Baum-FL)  
 17880 1800 R. Portugal: EE, Nx to Africa (443 11/24 Bonner-OH)(343 11/22 T. Smith-FL)  
 1830-FF (333 12/8 Baldwin-NC)  
 17895 1532 R. Portugal: PP, Beautiful lite Mx PP folk Mx (444 11/22 Maghakian-NY)

ROMANIA

9570 0135 R. Bucharest: EE, Nx (333 11/22 Fowler-ONT)(333 11/13 Yajko-PA)

SPAIN

6065 0100 Radio Nacional de Espana: EE, Panorama pgm, cmntry, tlk abt Carnival in Spain  
 Mx, & Tourist guide (342 11/29 Monjure-LA)(333 11/19 Johnson-FL)(343 11/25  
 Pecenka-IN)(323 11/23 Blaize-TN)(444 11/28 Drumheller-PA)(444 11/21 Stone-  
 ONT)(444 11/14 Drumheller-PA)  
 9360 2350 RNE: SS, Nx by YL, tlk abt radio stations by 2 OM, ID at 0000 (555 11/9  
 Fraser-MA)(455 11/4 T. Smith-FL)(0340-SS 322 11/19 Brookwell-CA)  
 9505 2030 RNE: EE, Nx, Interview, Mx (555 11/26 Proom-GREAT BRITIAN); 2200-EE (433  
 11/23 Zilmer-WI)  
 9530 2258 RNE: SS, IS, TC, Bagpipe Mx, Panorama (333 11/10 T. Smith-FL) ; 0904-SS  
 (444 11/24 Hall-CA) the xmsn at 0904 is on 9520 kHz. to Australia/Philippines.  
 9630 0230 RNE: SS, beamed to NA (433 11/24 Dutkowski-BC) ps.  
 11775 0300 RNE: SS, wind instrument Mx, Panorama (444 11/4 Stone-ONT)(444 11/17  
 Johnson-FL)  
 11810 1810 RNE: AA, Nx, Lite Mx, into SS at 1830, Nx (434 12/1 Beaudoin-GT); 1832-SS  
 (433 12/2 Peck/Maghakian-NY)  
 11880 0100 RNE: EE, OM/YL Panorama (544 11/16 Ireland-TN)(343 11/12 Yajko-PA)(344 11/7  
 Prath-FL)(443 12/7 Koval-NJ)(444 11/6 Baum-FL)(11/1 Jechenthal-IL)

SWEDEN

6065 2102 R. Sweden: EE, "Echo", tlks on inflation (444 12/8 Schipelliti-MA)  
 6120 2317 R. Sweden: EE, DX program (poor 12/6 Drumheller-PA)  
 9505NF 0030 R. Sweden: EE, Nx, Panorama to NA, ex-9620 (422 12/8 Zilmer-WI)  
 9605NF 2300 R. Sweden: EE, Nx, Panorama, SCDX, //6120, 9695 kHz. (433 12/6 Zilmer-WI)  
 Bob adds effective immediately the xmsn at 2300 in EE will be on 9605, 9695  
 & 11705 kHz. Thanks to Bob Zilmer our Central Distribution Editor. ps.  
 9630 1105 R. Sweden: EE, Nx & comment, European svc. (454 11/25 Prath-FL)  
 9665 1400 R. Sweden: EE, Nx, Panorama, SCDX (222 12/6 Pearson-PA)  
 9695 0230 R. Sweden: EE, IS, ID (544 11/20 Lindsey-NJ); 0100-0130 Swedish, 0130-0200 SS  
 (222 11/17 Brookwell-CA)  
 11740 1600 R. Sweden: EE, IS, ID, Swedish Mx, Nx (333 11/22 Wall-CA)(433 11/19 Naylor-CA)  
 11780 1844 R. Sweden: EE, to Africa, "Mailbag" (232 11/20 Fowler-ONT); 1700-Swedish  
 (434 11/24 Miller-CA)  
 15305 1235 R. Sweden: EE, Nx, Mailbag pgm (434 11/13 Yajko-PA)(333 11/25 Prath-FL)(344  
 11/26 Fraser-MA); 1430-Swedish (333 11/26 Thompson-CA)  
 17790NF 1400 R. Sweden: EE, special pgm, Nobel prize awards (453 12/10 Zilmer-WI)



SWITZERLAND

3985 0650 Swiss Broadcasting Corporation: EE, Polka Mx, 0700-ID, "Dateline", Nx, Mx, cmntry (332 11/2 Carrier-FL)  
 6135 0200 SBC: EE, "Dateline", Mx (444 11/9 Skora-ONT)(444 12/2 Willis-PA)(422 12/11 Poage-KY)(333 11/12 Yajko-PA)(444 12/1 Schipelliti-MA)  
 7210 2200 SBC:EE, IS, sked, diff features of The Red Cross, QRM R. Moscow (433 11/21 Maghakian-NY)  
 9535 1340 SBC: EE, "Dateline Friday" (222 11/25 Yacono-NY)  
 9700NF 0142 SBC: s/on into EE at 0145, Nx (433 11/19 Maghakian-NY) //9725  
 9725 0150 SBC: EE, "Swiss Shortwave Merry-Go-Round" (444 11/13 Fowler-ONT)(454 11/4 Carrier-FL)(555 11/22 Lindsey-NJ)(555 11/2 Stone-ONT)  
 11775 0724 SBC: EE/II, "Dateline" into Ital at 0730 after TC (555 11/10 T. Smith-FL)  
 15140 \*1315 SBC: EE, Nx, comment on Arab States vs. Egypt (433 12/6 Pearson-PA)(444 12/4 Earhart-PA)(454 11/27 Pecenka-IN)(554 11/12 Carrier-FL)(444 Famularo-NJ)(434 11/12 Yajko-PA)(555 11/29 Bonner-OR)(444 11/26 Willis-PA)  
 15305 0903 SBC: EE, Nx, "Talk Back" (434 11/19 Bowers-TURKEY)  
 15350 1315 SBC: EE, Nx, Jazz Panorama //15135 (322 11/27 Zilmer-WI)

U.S.S.R.EUROPEAN RSPSR & UNDETERMINED SITES

5900 0400 R. Moscow: EE, Cmnty on VOA, (443 11/24 Zilmer-WI)(544 11/6 Baum-FL)(533 12/7 Mow-AZ); 0100-SS (353 11/27 Prath-FL)  
 0330 R. Kiev: EE, YL DJ, Freqs, Ids (233 11/19 Wall-CA)  
 5915 0230 R. Moscow via Ryazan: SS, OM/YL w/ IS & Ids, Nx (333 12/4 Uerlings-OR)  
 5930 0315 R. Moscow: EE, Nx of Sadat & Egypt (433 12/9 Mappin-WA)  
 6175 2159\* R. Moscow: EE, "Science & Engineering" bcst to Great Britain & Ireland (444 11/31 Beaudoin-CT)(342 12/8 Felty-OH)  
 7130 0617 R. Moscow via Armavir: EE, "Moscow Mailbag" (544 11/11 Seiler-BC)  
 7150 0318 R. Kiev: EE, "Ukrainian Panorama" (333 11/9 Skora-ONT)  
 7205 0002 R. Moscow via Armavir: EE, Nx & "Mailbag" (344 12/5 Pecenka-IN)(444 12/8 Felty-OH)(433 11/23 Hall-CA)  
 7215 0032 R. Kiev: EE, Nx, cmntry, DX pgm, No propaganda (322 11/21 Hook-FL)(444 11/12 Yajko-PA)  
 7400 0310 R. Kiev: EE, Comment on Soviet Expo in USA (444 11/20 Ireland-TN)  
 2300 R. Vilnius: EE, Mailbag & Mx, Ids (333 11/20 Angeloni-NY)(544 11/20 Baum-FL)(433 11/28 Earnart-PA)(232 11/10 T. Smith-FL)  
 11710 1330 Radio Station Peace and Progress: EE, Nx & cmntry (322 12/4 Miller-CA)  
 11730 1340 R.S.P.P: EE, tlks abt expansion of land area in China (454 12/5 Carrier-FL)  
 11775a 1350 R.S.P.P: EE, ID & tlks (222 11/26 Yacono-NY)  
 11785 1045 R.S.P.P: EE, cmntry on China (222 12/4 Willis-PA)  
 11790a 0010 R. Kiev: EE, Nx, "Ukrainian Panorama" (222 11/15 Johnson-FL)  
 11970 1330 R.S.P.P: EE, Nx, instrumental Mx //11900 weaker (333 11/13 Beaudoin-CT)  
 12050 0015 R. Moscow: EE, OM w/ Moscow Viewpoint (333 11/12 Ireland-TN)(443 11/27 T. Smith-FL)(242 11/14 Prath-FL)  
 15100 0055 R. Kiev: EE, Mx, ID, 0100\* (444 11/2 Stone-ONT)  
 15130 0105 R. Moscow: EE, Nx & Cmnty (544 12/9 Mappin-WA)  
 15180 2310 R. Vilnius: EE, comment, Mx, ID (333 11/26 Hallberg-IL)  
 15455 2250 R. Moscow: EE, "Soviet Way of Life", Nx (333 11/30 T. Smith-FL)

LATVIAN SSR

5935 2105 R. Riga: Swedish, Latvian art songs, cl piano Mx, 2130 Id (433 11/8 Peck-NY)

VATICAN STATE

5995 0112 Vatican Radio:EE, Religious tlk (444 11/12 Yajko-PA)(354 12/5 Pecenka-IN)  
 9605 0101 Vatican Radio: EE, Religious Nx by YL (323 12/1 Schipelliti-MA)(322 12/3 Hodson-MN)(444 11/17 Yajko-PA)(554 11/8 Carrier-FL)(544 11/9 Skora-ONT)(555 9615 2215 Vatican Radio: EE, Religious Nx (433 11/24 Zilmer-WI) 11/22 Lindsey-NJ)  
 9645 2040 Vatican Radio: EF, Rel tlks (222 11/5 Hodson-MN)(333 11/7 Elder-SASK)  
 11805 0100 Vatican Radio: EE, //5995, 9605 (444 11/21 Zilmer-WI)  
 15165 1502 Vatican Radio: EE, ID (444 11/12 Naylor-CA)(444 12/3 Donly-SC)

YUGOSLAVIA

9620 2200 R. Belgrade: EE, Nx (322 11/12 Poole-GA)(333 11/12 Yajko-PA)(322 11/20 Novello-NY)

\*\*\*\*\*

Really sorry abt last month folks, I got tied up w/ Christmas activities and also had to work overtime. It won't happen again. 79 contributors this month but lets try for more next month. All of you SWL's & DX'ers who haven't contributed in a while make a special effort to do so this month! Only a handful of reports for Finland & Romania this month, What happened?? I have been getting a few loggings every now & then that belong in someone elses column. Please double check.. BAD GUTS keep your eyes open for a meeting in Feb, details next month. Congratulations to NEEDS NEWS (the New England DX Society) on their 50th issue! I hope that you all enjoy a Healthy, & Prosperous New Year. Good DX to all in 1978. 73's De Peter 17

# SWBC DX

## AFRICA



**Radio Television Kaduna**

Editor: WAYNE OLIVER  
P. O. Box 355  
Plaistow, NH 03865  
(St QTH: 71 Forrest Street  
Phone 603-382-5581)

Deadline: 15th  
Times & Dates: GMT  
Frequencies: kHz



**FEBA**  
**Seychelles**

### ANGOLA

4820 2331 Radiodiffusion Nacional Angola: Vern tlks, soft mx (242  
11/26 Bodell/Hickman/Williams-OR) Quite a group!!!

### ALGERIA

6145 0535 Radiodiffusion Television Algerienne: w/AA chants, well  
under DW (11/16 Neumann-IN)

### ASCENSION ISLAND

7105 0300 British Broadcasting Corporation: EE ID, nx of Africa (333  
12/1 Thompson-NM)  
9580 0205 BBC: EE tlk on Sadat's visit to Israel (555 11/20 Lindsey-NJ)  
11860 0602 BBC: EE w/World Nx (444 12/4 Hall-CA)  
15260 2300 BBC: EE OM w/ID, nx (433 11/13 Bryan-CA)  
17830 1330 Voice of America: SS to Latin America (433 11/26 Zilmer-WI)

### BENIN

4870 1955 La Voix de la Revolution Beninoise: EE ID, "You are tuned to  
the Voice of the Revolution, Benin." (333 12/8 Pierce-MA)  
(333 12/9 1955 EE Zimarowski-MA)(333 12/9 ?? Bodell-OR)  
(254 11/29 2057 FF Ambruster-WI)(533 11/20 2157 FF Blaize-TN)  
(322 12/2 2120 EE/FF Gelfand-NY)(232 11/7 0430 FF Levesque-IL)

### CAMEROON

4750 2015 Radio Bertoua: FF tlks, s/off w/anthem at 2015 (232 12/5  
Zimarowski-MA)  
4850 2250 Radio Yaounde: FF w/OM tlk (242 12/9 Bodell-OR)(444 11/29  
2230 FF Lobdell-MA)  
5010 2059 Radio Garoua: Vern tlks, 2200\* (332 12/4 Dalum-IN)(211 11/13  
0505 EE Lobdell-MA)(343 11/17 0510 EE Ambruster-WI)(443 12/1  
2117 Vern Peck-NY)(322 11/18 0625 FF Blaize-LA)(443 ?? 0455  
FF Maghakian-NY)(11/9 0535 Vern Neumann-IN)  
9745 2047 Radio Yaounde: FF tlks //4850,4972 (333 11/12 Zimarowski-MA)  
(433 12/8 2005 FF Pierce-MA)(333 12/11 1830 EE Lobdell-MA)  
(343 11/27 0608 EE Maghakian-NY)(444 11/20 0615 EE Onken-IL)  
(According to anns, 11/21, EE is scheduled 0530-0745-Utter-NY)  
9760NF? 1620 Radio Yaounde: EE/FF ID's, freqs (444 12/3 Thompson-CA)

### CENTRAL AFRICAN EMPIRE

5038 2254 Radiodiffusion Nationale Centrafricaine: Vern tlks, YL  
(242 12/9 Bodell-OR)(fair 12/1 2239 FF 2302\* Gavaras-MN)

### CHAD

4904.5 0520 Radiodiffusion Nationale Tchadienne: FF tlks (222 11/24  
Spencer-OK)(333 11/14 2120 FF Beaudoin-CT)(344 11/24 2106  
FF Yajko-PA)(322 11/18 0507 FF Naylor-CA)  
7120 1654 RNT: Vern tlks (333 11/26 Bodell/Hickman/Williams-OR)

### CONGO, PEOPLE'S REPUBLIC OF

4843 0508 Pointe Noire: OM vern tlks (fair 11/12 Moritz-OH)  
15190 2200 Radiodiffusion Television Congolaise: FF tlks, mx (343 12/9  
Link-CA)(454 11/17 2129 EE Thompson-NM)(222 11/18 2130 EE  
Spencer-OK)(444 11/17 2130 EE Hoffman-PA)(333 11/24 2210 EE  
Beaudoin-CT)(343 11/5 2100 EE Davis-SC)(434 11/28 2142 EE  
Yajko-PA)

Please cut log slips!!!

EGYPT  
6230NF 0200 Radio Cairo: EE w/'Cairo Calling' (444 12/9+ Hammer-OH)  
9455 0541 RC: AA vocals (343 11/28 Bryan-CA)  
9475 0220 RC: EE nx (434 11/15 Ireland-TN)(544 11/15 \*2230 EE Johnson-FL)(555 11/3 0300 EE Chituck-MD)(454 11/4 0310 EE Carrier-FL)(434 11/30 0215 EE Miller-CA)(444 11/12 0206 EE Yajko-PA)(434 11/6 0310 EE Baum-FL)(544 0248 EE Yohana-NJ)(333 11/26 2205 EE Yacono-NY)(555 11/26 2200 EE Proom-G.B.)  
9850 2240 RC: AA ID, mx (433 11/11 Spencer-OK)  
12005 1805 RC: AA chants (343 11/27 Pecenska-IN)  
17920 1337 RC: EE political tlks, Arabic by Radio (454 11/19 Bowers-Turkey)(554 11/13 1330 EE Carrier-FL)

GABON  
4777 2312 Radiodiffusion Television Gabonaise: FF tlks (232 11/26 Bodell/Hickman/Williams-OR)

GHANA IN  
4915 2147 Ghana Broadcasting Corporation: Vern tlks (353 12/4 Pecenska-IN)

GUINEA  
15310 2230 Radiodiffusion Nationale: FF ID (343 12/1 Maghakian-NY)(343 12/9 2225 Vern Zimarowski-MA)(342 11/24 2230 FF Zilmer-WI)

GUINEA-BISSAU  
7150NF \*0555 Radiodifusao Nacional: IS, anthem, s/on in PP (322 11/17 Zimarowski-MA) QRM from BBC.

IVORY COAST  
4940 \*0600 Radiodiffusion Television Ivoirienne: PF tlks (353 11/25 Heath-KY)(243 12/4 2207 FF Pecenska-IN)  
7215 2120 RTVI:modern FF/Afr mx //1920,4940 (Bodell,et. al.-OR)  
11920 \*0556 RTVI: w/1000 Hz. test signal, IS, NA, into FF (444 11/20 Donly-SC)(333 11/13 2220 FF Bryan-CA)(343 11/8 1925 EE Maghakian-NY)

KENYA  
4855 1623 Voice of Kenya: Swahili tlks, local mx (333 11/20 Constantinides-Greece)

LIBERIA  
7195 0300 Voice of America: EE ID, nx, mx (444 11/19 Thompson-NM)  
7280 0300 VOA: EE ID (343 11/17 Thompson-NM)  
11835 2045 ELWA: AA rlg pgm (434 11/27 Bodell/Williams/Hickman-OR)  
11855 2000 ELWA: Lang tlks, ID (322 12/2 Gelfand-NY)  
11860 2015 ELWA: EE anns, ID, IS (Bodell/Hickman/Williams-OR,333, 11/27)  
11945 0626 ELWA: AA s/on at 0630, multi-lingual ID's (353 11/29 Donly-SC)  
12010 2030 VOA: EE tlks on Liberia (333 11/26 Hodson-MN)  
15315 1859 VOA: FF/EE ID (344 11/12 Naylor-CA)  
15445 2137 VOA: EE science program (322 11/10 Spencer-OK)

LIBYA (Mebo II not reported this month. Any loggings???-wlo)  
6100 1900 People's Revolutionary Broadcasting Station: ??? lang w/ Qaddafi speech, noisy crowds (343 11/17 Bodell-OR)  
9500 2330 PRBS: AA nx, ID (544 11/10 Dalum-IN)(555 11/20 2219 AA Blaize-TN)(544 11/8 2345 AA Skora-ONT)  
9650 1839 PRBS: AA folk mx //9500,11700 (333 12/2 Maghakian/Peck-NY)  
15100 1440 PRBS: AA mx (353 11/15 Maghakian-NY)(353 11/26 1400 AA Earhart-PA)

MADAGASCAR  
11730 2330 Radio Nederland: Indonesian w/language lessons (434 11/14 Ireland-TN)(434 11/14 2048\* EE Johnson-FL)(434 11/12 2030 EE Bowers-Turkey)  
11740 1502 RN: EE w/'Happy Station' (242 12/4 Pecenska-IN)(322 12/3 2050 EE Uerlings-OR)  
15220 2035 RN: EE World nx (444 11/26 Yacono-NY)(343 12/5 2015 EE Thompson-CA)(444 11/24 2115 EE Hall-CA)  
15380 1854 RN: EE w/'Happy Station' (454 11/13 Hauser-TN)  
21480 1204 RN: Indonesian OM tlks, pop mx (343 11/30 Smith-FL)  
21685 1531 RN: Dutch commentary (242 12/1 Beaudoin-CT)  
\*Final exams are over, but the drive home tomorrow might be a little difficult!!! Our local forecast is for 12+ inches of snow!!! 12/20'

MALAWI

3380 0303 Malawi Broadcasting Corporation: w/choral mx and drums  
(good 11/6 Neumann-IN)

MALI

4783 2320 Radiodiffusion du Mali: FF/Vern anns, 0002\*//5995 (131 11/26  
Bodell/Hickman/Williams-OR)  
11960 1705 RM:FF OM w/sporting event (444 11/27 Naylor-CA)(433 12/9  
1715 FF Link-CA)

MAURITANIA

4845 0605 Radiodiffusion Nationale Republique Mauritanie: AA w/Koran  
recitation (242 11/26 Bodell et. al.-OR)(433 11/18 0605 AA  
Blaize-LA)(343 11/19 0605 AA (T) Earhart-PA)

MAURITIUS

4850 2231 Mauritius Broadcasting Corporation: FF OM tlk, ID (232 12/4  
Pecenka-IN)(322 11/11 0526 FF Karcheski-MA)

MOROCCO

6020 0726 Voice of America: IS, s/on, into AA (544 11/13 Hall-CA)  
6190 0610 Radiodiffusion Television Marocaine: AA w/soft mx, ID  
(444 11/19 Donly-SC)  
9615 2200 RTVM: AA chants //6100,6170 (422 11/24 Zilmer-WI)  
11840 1910 VOA:FF mx pgm (444 11/20 Hall-CA)

MOZAMBIQUE

4895 0500 Radio Mozambique: FF w/ID, into mx pgm (32233 11/23)Onken-IL)

NIGERIA

3396 0600 Nigerian Broadcasting Corporation:(Kaduna) EE tlks, ID, nx  
(322 12/3 Pierce-MA)  
4990 2115 NBC:(Lagos) EE commentary (333 12/2 Gelfand-NY)(333 12/9  
2235 Vern Bodell-OR)(243 12/4 2213 EE Pecenka-IN)(333 12/8  
1945 EE Pierce-MA)(343 11/25 2220 EE Jones-MI)  
7270 0557 Voice of Nigeria: (Ext. Serv.) \*0600 EE anns (444 11/24  
Brooks-CT)  
7275 0558 VON: EE ID (222 11/19 Spencer-OK)(544 11/11 0612 EE Skora-Ont)  
(333 11/13 0555 EE Beaudoin-CT)(433 11/24 0630 EE Stroh-IL)  
11770 1618 VON: EE ID, into 'Press Review', TC's (422 12/5 Thompson-CA)  
(433 11/26 1840 EE Donly-SC)(343 12/4 1910 Hauser-TN)  
(343 11/8 1758 EE Maghakian-NY)  
15120 1915 VON: EE Report on Lagos International Trade Fair (232 12/2  
1915 EE Gelfand-NY)(444 12/10 1726 ??? Bodell-OR)(253 11/18  
1900 EE Ambruster-WI)(322 12/2 1915 EE Uerlings-OR)(353 11/12  
1850 EE Maghakian-NY)

RHODESIA

3396 0606 Rhodesia Broadcasting Corporation: EE nx, commentary (332  
12/4 Donly-SC)(222 11/11 2112 EE Karcheski-MA)

RWANDA

6055T 1930 Radiodiffusion Rwanda: African music and pop songs to 1945,  
FF tlks, until blown away by WYFR s/on (11/26 Moritz-OH)  
9700 0120 Deutsche Welle: GG tlks, mx (444 11/10 Dalum-IN)  
15410 0030 DW: GG IS, ID, nx (343 11/11 Smith-FL)

SAO TOME e PRINCIPE

4807 1950 Radio Nacional: PP political tlks (232 12/7 Zimarowski-MA)MN)  
(333 11/6 2300\* PP Karcheski-MA)(poor 11/29 2300\* PP Gavaras-

SENEGAL

4890 2210 Radiodiffusion du Senegal: FF ID's, nx (332 11/28 Donly-SC)  
(232 11/10 2235 FF Peck-NY)  
4950 0740 RS: FF ID, tlks, TC, nx. not //4890 (333 12/6 Zimarowski-MA)

SEYCHELLES

9525 1529 Far East Broadcasting Association: EE s/on (333 12/11 Hall-CA)  
9770 1742 FEBA: AA tlks (443 11/5 Maghakian-NY)(433 11/17 \*1720 AA  
Lobdell-MA)(423 11/23 1720 ?? Bodell-OR) Bob, AA? wlo.....  
11755 \*0310 FEBA:Creole tlks (343 11/22 Bryan-CA)  
11865 \*0345 FEBA: AA s/on (343 11/6 Peck-NY)  
11945NF 1545 FEBA: EE ID's, rlg pgms (434 11/12 Onken-IL)

SIERRA LEONE

3316 2130

Sierra Leone Broadcasting Corporation: EE ID's, ads (222 11/29  
Pierce-MA)(322 11/6 2305 EE Karcheski-MA)(232 11/11 2202  
EE Zimarowski-MA)

SOMALIA

9585 2040

Radio Mogadishu: Somalian news (433 11/13 Mellinger-NJ)(333  
12/2 1950 Somalian Gelfand-NY)(444 11/25 2045 Somalian  
Heath-KY)(333 11/12 1915 Somalian Onken-IL)

21515T 1605

RM: Somalian chants, many mentions of Mogadishu (443 12/4  
Verlings-OR) Seems an unlikely freq. for Mogadishu, perhaps  
this is Algeria...wlo

SOUTH AFRICA

3250 0240

SABC:EE ID, mx (444 11/26 Thompson-NM)

3320 0315

Radio 5: EE ID's, mx (444 11/26 Thompson-NM)

4810 1955

SABC: EE ID, nx at 2000 (333 11/29 Pierce-MA)(343 11/12 2102  
EE Yajko-PA)(443 11/13 2110 EE Dalum-IN)(444 11/22 0320 EE  
Thompson-NM)(333 11/14 0335 EE Lobdell-MA)(343 12/12 0425 EE  
Seymour-NC) My mistake this is Springbok Radio....wlo

4835 2107

SABC: EE nx (353 11/12 Yajko-PA)(222 11/24 0400 EE Heath-KY)  
(322 12/11 2055 EE Lobdell-MA)

7270 0301

Radio RSA: EE ID's (222 12/6 Pecenka-IN)

9525 2245

Radio RSA: EE nx, mx (gcd 11/12 Drumheller-PA)

9585 2315

Radio RSA: EE w/'DX-Corner' (444 11/26 Yacono-NY)(444 11/23  
2307 EE Pecenka-IN)(343 11/19 2130 EE Heath-KY)(444 12/2  
2225 EE Thompson-NM)(554 11/12 2100 EE Carrier-FL)(443 12/6  
2317\* EE Felty-OH)(444 11/28 \*2228 EE Pearson-PA)(422 11/27  
2318 EE Dutkowski-B.C.)

11900 2100

R. RSA: EE african news (544 12/4 Ireland-TN)(555 11/13 2230  
EE Johnson-FL)(343 12/3 \*2230 EE Pecenka-IN)(434 11/21 2045  
EE Thompson-CA)(454 11/30 2225 EE Thompson-NM)(555 11/11 2230  
EE Seiler-B.C.)(554 11/11 2230 EE Carrier-FL)(544 11/20 2230  
EE Blaize-TN)(433 11/28 2227 EE Dutkowski-B.C.)

15155 2300

R. RSA: EE tlks (444 11/6 Prath-FL)(554 11/15 \*2000 FF  
Pecenka-IN)(433 12/4 2250 EE Thompson-CA)(454 11/23 2310  
Heath-KY)(554 11/7 \*2226 EE Carrier-FL)(544 11/18 2248 EE  
Hall-CA)(434 11/13 2230 EE Miller-CA)(333 11/13 2300 EE  
Blaize-Bonaire,N.A.)(533 11/11 2057 EE Seiler-B.C.)

15220 0615

R. RSA: EE pgms (454 11/7 Carrier-FL)

17780 0555

R. RSA: EE s/on //15220,11900 (211 11/30 Blaize-LA)

21535 1410

R. RSA: EE pgms (353 11/12 Yajko-PA)(353 12/5 1610 EE Thompson  
CA)(353 11/6 1611 EE Carrier-FL)(444 12/11 1640 EE Hall-CA)  
WHAT A MONTH FOR SOUTH AFRICA!!!

SWAZILAND

3240 0315

Trans World Radio:Vern tlks, ID (232 11/18 Bryan-CA)

4760 0405

TWR: Lang tlks (343 11/19 Naylor-CA)

4980 0400

Swazi Radio: Lang tlks, EE ID (323 11/12 Hammer-OH)

11955 1930

TWR: FF rlg programs (434 10/29 Onken-IL)

17745 1911

TWR: FF s/on, rlg tlks (444 11/25 Maghakian-NY)

TANZANIA

4785 2031

Radio Tanzania: Swahili chants,2055-news (333 11/25 Beaudoin-  
CT)Looks like 60 mb is opening earlier these days....wlo

15435 1825

RT: EE commentary on Rhodesia, ID at 1840 (332 11/26 Donly-SC)

TOGO

5047 0620

Radiodiffusion du Togolaise: FF tlks, poor modulation (432  
11/18 Blaize-LA)(422 11/20 2151 FF Blaize-TN)(332 11/13  
0530 FF Naylor-CA)

TUNISIA

7275 1850

Radiodiffusion Television Tunissienne: AA tlks (333 11/17  
Bodell-OR)Bob, do ME openings usually occur this early???

UGANDA

5026 2109\*

Ugandan Broadcasting Corporation:African mx, EE nx 2020  
very noisy (poor 11/26 Moritz-OH) Good catch!!!

9730 2038

Radio Uganda:(Ext. Serv.) EE news and mx (333 11/25 Hallberg-  
IL)(433 12/7 2131 EE Donly-SC)(343 11/27 Bodell/Hickman/  
Williams-OR)

78's Wayne

Thanks to all the reporters this month! Hope everyone had a Merry Xmas!!!!

# ASIA-OCEANIA

BOB BODELL

5230 S.E. 48th AVE  
PORTLAND, OR 97206

DEADLINE: 15th of the month



Frequencies in KiloHertz      Time in GMT      month/day format  
a=approximate    h=harmonic    m=measured    t=tentative    \*0000=s/on    0000\*=s/off

FREQ    TIME    LOCATION

## OCEANIA

RADIO AUSTRALIA

G.P.O. Box 428G, Melbourne 3001, Australia

### AUSTRALIA

### C=Canarvon

### L=Lyndhurst

### S=Shepparton

4920	1305	NY	ABC Brisbane: EE nx, ID, cl. mx (Yacono)(Jones CA)(Mayer CA)
5995	1215	MA	RA-L: EE w/ Aussie & world nx (Karcheski 11/11)(Pecanka IN)
6005	1230	FL	RA-C: EE nx, cntry (Prath 11/20) listed 1530-1730, reb.
6035	2058	NY	RA-C: EE w/ IS/ s/on, freqs (Maghakian 11/8)(@ 2135 Bodell)
6090	1154	CT	ABC Sydney: EE w/ cl. mx, ID, Aussie nx, 2 Kw. (Beaudoin)
6150	1200	QUE	ABC Melbourne: EE nx (Perry)(O'Brien BC)
9540	1326	PA	RA-L: EE w/ interviews, ID, nx (Lentz)(Willis PA)(Smith FL)
9560	2052	PA	RA-C: IS, ID, EE s/on, // 1855 (Yajko 11/12 343)
9580	1300*	PA	RA-S: ID, freqs, TPs, s/off (Lentz 12/10 343)(Prath FL)
9600	1935	TURK	RA-S: pop mx, YL DJ (Bowers 11/25 322)
9610	1535	MA	ABC Perth: MOR/C & W mx, nx, 1600* (Fraser)(Yacono)(Blaize)
9670	1535	WI	RA-S: pop mx, IDs, // 11705, 11820 (Ambruster)(Famularo NJ)
9680	0800	CA	ABC Melbourne: EE w/ National mx, sprts, wx (Mayer 11/26)
11705	1440	WI	RA-S: "Club Forum" (Zilmer 11/26)(Grenier CA)(Willis PA)
11720	0725	CA	RA-S: ID, nx, "This Week in Science" (Thompson 11/26 544)
11740	0700	FL	RA-S: nx, ID, "Focus on Aust." (Smith 11/25 444)
11810	2058	NY	RA-S: sked, world nx (Maghakian 11/10 222)(Yajko PA)
11820	2100	WI	RA-S: nx, cntry, mx, to SEA (Zilmer 11/27)(Smith FL)(Yajko)
11880	1430	CA	RA-S: Aussie nx, IDs, mx (Hall 11/14 343)
11900	1516	SC	RA-C: "Focus on Aust." "Aust. Editorial Opinion" (Donly 11/30) (EE here not always RSA Hauser)(Chituck MD)(Lobdell MA).....
11935	*2230	QUE	RA-C: ancmts in EE, then Viet pgm (Perry 11/19 434)
15240	0510	FL	RA-L: nx, cntry on Viet refugees (Smith 11/28 333)
15265	0413	NY	RA: "Int'l Report", pop mx (Maghakian 12/1 242) unlisted
15320	0230	MN	RA-S: YL w/ Aussie nx, pop mx (Hodsdon 11/18)(Grenier CA)
15410	0153	PA	RA-C: "Mailbag" w/ Keith Glover (Yajko 11/20 343)(Smith FL)
15415	1255	TURK	RA-C: mx, cntry, "Focus on Australia" (Bowers 11/24)
17795	0100	CT	RA-S: nx, mx (Beaudoin 11/1 243)
17890	0444	CA	RA-S: YL w/ pop mx pgm (Hall 11/15 444)
21455	2351	CA	RA-S: pop mx, ID, tuning info, world nx (11/27)(Bryan CA)

### GUAM

### Trans World Radio - Guam

9640	1220	CT	KTWR: CC w/ hymns, ID, Moscow QRM @ 1230 (Beaudoin 11/25)
15115	2342	FL	KTWR: EE mx, ID, request rpts, address, mx (Smith 11/3 321)
15175	*2200	MA	KTWR: IS, EE ID, Indo tlk, inst. mx (Zimarowski)(Donly SC)
17855	0130*	BC	KTWR: ID, freq, ancr was Dan Harvey (O'Brien 11/26)

### NEW CALEDONIA

(Jones CA)(Leistner CA)

7170	0608	MN	RN: FF mx, EE w/ "Lux Radio Theatre", // 11710 (Gavaras 12/1
------	------	----	--------------------------------------------------------------

### Radio New Zealand

THE SHORTWAVE DIVISION OF THE NZ BROADCASTING CORPORATION

### NEW ZEALAND

11780	0535	FL	RNZ: EE MOR mx, ID, sprts, nx in Cook Islands (Carrier 11/3)
15130	0500	SC	RNZ: nx, wx, regional nx, IDs, EL mx (Davis 11/17 352)
15380	0300	CA	RNZ: pop mx, TPs, wx (Bryan 11/22 333)
17710	0108	CA	RNZ: tlk on the invention of the sound recorder (Mayer 11/27)

### PAPUA NEW GUINEA

3322	1230	CA	R. No. Solomons: Pidgin w/ C & W mx (Chadbourne 12/10)
3334	1212	CA	R. E. Sepik: local mx, Pidgin ancmts, 1300 ID (Chadbourne)

PNG (continued)

3385 1130 CT  
3905 1043 CA  
4890 1300 NJ  
5985 0635 CA

R. E. New Britain: Pidgin vocals, pop mx (Beaudon)(Uerlings)  
R. Manus: C & W/ local mx (Chadbourne 11/31)  
NBC: EE w/ financial nx, pop tunes, TC, ancmts (Davis 11/16)  
(Wilson CA)(Davis SC)(Thompson CA)(Jones CA)(@ 0730 O'Brien)  
R. E. New Britain: EE ads, pop mx, TC, 0645\*, ID (Mayer 12/9)

SOCIETY ISLANDS

11825 & 0501 IL  
15170

R. Tahiti: PF w/ island mx (Stroh 11/7 444)(Dalum IN)(Wilson CA)(Fraser MA)(Peck NY)(Stone ONT)(Thompson CA)(Bryan CA)...

**NSB**

**ASIA**

**BBC**

AFGHANISTAN

4775 1340

CA RA: Urdu w/ Afghan mx, 1400 EE pgm w/ nx (Snyder 12/10 343)

BANGLADESH

11652 1657

NY RB: Bangla w/ Bengali mx (Maghakian 11/6) may not be used: now

CAMBODIA

4908 1120

CT R. Demo. Cambodia: Khmer tlk, singing (Beaudoin 1/7 242)

CHINA

2340 1248  
2430 1800  
2460 1453  
2475 1448  
3000 1516  
3220 1459  
3335 1318  
3940 1429  
3970 1529  
4068 1435  
4200 1035  
4380 1438  
4620 1445  
4895 1550  
4915 1350  
4980 1445  
5030 1605  
5125 1230  
5145 1450  
5163 1230  
5170 1023  
5265 1245  
5320 1610  
6260 1411  
6345 1230  
7010 2015  
7035 2132  
7770 0833  
9020 0747  
9030 1310  
9064 1330  
9365 2130  
9390 0629  
9440 1200  
9460 0311  
9470 1321  
9480 1325  
9860 1730  
  
9900 1200  
9920 1220  
9940 0140  
10375 0047  
11445 1226  
11535 0011  
11600 0910  
11630 0025  
11650 \*1200  
11720 \*0000

CA Fujian 1: CC OM/YL w/ drama (Hall 12/11 444)  
OKI Fujian Front Station 2: CC mx w/ YL (Bourne 11/16 544)  
CA Yunnan 1: vernacular w/ YL vocalist (Cleveland 12/8 --2)  
CA Zhejiang 1: vern. w/ local mx, YL vocals (Cleveland 12/8)  
CA PFS 1: CC YL/OM tlk (Bryan)(Cleveland CA)  
CA Beijing 1: CC w/ organ mx, march mx, 1500 ID (Cleveland)  
CA PFS 1: CC w/ revolutionary mx, tlk, // 3640 (Hall 12/11)  
CA Wuhan, Hubei: CC mx, OM DJ (Bryan 11/10 333)  
CA Huhhot: Mongolian YL w/ tlk (Bryan)  
CA Huhhot: CC YL tlk, mx (Bryan 11/10 333)  
OK R. Peking: SS mx, gone by 1100 (Spencer 11/27 222)  
CA PFS 2: CC YL tlk on Taiwan (Bryan 11/10 343)  
CA RP: Korean w/ vocal mx, 1454\* w/ "Intern'l" (Cleveland 12/1)  
CA Huhhot: Mongolian OM w/ tlk, "Intern'l" (Bryan)  
CA Guangxi 1: CC tlk, YL w/ mx, TPs (Link 11/26 332)  
CA RP: JJ foreign svce, classical mx (Cleveland 11/23 --3)  
CA RP: EE OM cmtry (Bryan)  
WI Taiwan Svce (SSB): CC tlk, orch/choral mx (Zilmer 11/26)  
CA RP: Mongolian w/ choral mx, 1455\* w/ "Int'l" (Cleveland)  
WI Beijing 2: CC w/ choral mx, tlk, // 6345 (Zilmer 11/26)  
OK PFS 2: CC tlk by OM/YL, mx (Spencer 11/27)(Zilmer WI)  
WI PFS 2: CC OM tlk, mx, 1300\*, // 5240 (Zilmer 11/26)  
CA Beijing 1: CC OM tlk, // 5860, 5880 (Bryan)  
CA Qinghai: CC MOR mx, ancmts, tlk (Naylor 11/24 343)  
WI Beijing 2: CC chorus, tlk, mx, // 5163 (Zilmer 11/26 342)  
NY RP: German tlk by YL, ID, CC mx (Maghakian 11/8)  
NY RP: CC tlk by YL & OM (Maghakian 11/8 333) list Ital to 2130  
CA Beijing 2: CC tlk, band mx, chorus (Brookwell 11/21 222)  
CA RP: EE OM tlk, orchestra goes tic toc tic toc (Dawson 11//26)  
MA RP: CC tlk by OM/YL (Fraser 11/20 252)  
CA Beijing 1: CC tlk, mx, // 9080 (Link 12/9)(Brookwell)(Dawson)  
NY RP: RR w/ IS, s/on, nx by OM (Maghakian 11/12)  
CA RP: EE nx by OM/YL, sudden off @ 0629 (Brookwell 11/18)  
FL RP: Khmer (BBCMS) ancmts, IS, mx, tlk (Carrier 11/21)  
CA RP: EE mx, ID, tlk on peace (Mayer 11/26 443)(Watson CA)  
CA RP: EE YL w/ cmtry on Mao, CC mx (Bryan 11/10 322)  
CA RP: Laotian OM w/ tlk (Bryan 11/10)(Prath PL)  
CA RP w/ Mandarin IDs as Shanghai on hr, 1/2 hr, mx interludes (Watson 11/20)(EE @ 1605 Link CA)(EE @ 1420 Maghakian NY)...  
NY RP: anthem, Khmer tlk by YL (Maghakian 11/13 353)  
MA RP: EE w/ CC patriotic mx (Fraser 11/13)(Link CA)  
ONT RP: EE cmtry on health care, agri., etc. (Stone)(Pecenka IN)  
CA unid, China? w/ band mx, fluttery, fade out (Brookwell 11/30)  
CA RP: Amoy to SEA, inst. mx, OM ancr (Bryan 11/10 333)  
PA RP: EE w/ political cmtry (Yajko 11/12)  
FL RP: EE w/ quotations from Mao, CC mx, ID, 0925\* (Carrier)  
OK RP: SS in SSB, tlk on "colonialismo sovietico" (Hauser 11/27)  
NJ RP: EE IS, s/on, ID, nx (Famularo)(Hodsdon MN)(Beaudoin CT)  
PA RP: SS s/on then nx (Yajko 11/14 354)

CHINA (continued)

11830 0930 CA V. of Malayan Rev.: EE w/ IS, ID, tlk by YL, mx (Miller 11/21)  
11945 0145 OH RP: EE tlk on life in China (Bonner 11/28)(Yajko)(Spencer OK)  
11980 \*0200 PA RP: SS tlk (Yajko 11/20)(Laotian @ 2330 Maghakian NY)  
12015 0016 CA RP: Hakka to SEA, band mx, // 1455 (Brookwell 11/20 333)  
12055 1655 CA RP: u/lang tlk, s/off w/ "Intern'l" (Brookwell 12/9 222)  
12420 0313 CA Beijing 1: CC OM/YL w/ tlk, songs, // 15550 (Brookwell 11/19)  
12450 0110 CA RP: Cantonese to NA, tlk, // 11990 (Brookwell 11/20 333)  
15045 0110 OK RP: SS nx, // 15080 (Spencer 11/12)  
15060 0050 ONT RP: EE w/ ID, CC mx, "Int'l" (Stone)(Carrier FL)(Perry QUE)  
15220 0013 NJ RP: EE world nx, CC mx, ID, cmtry, // 15060 (Famularo 11/13)  
15305 0104 PA RP: SS tlk (Yajko 11/12)(@ 0241 Naylor CA)  
15520 0000 FL RP: EE ID, "EIR", nx, cmtry on Mao (Smith 11/17)(Seller BC)  
15590 0015 FL RP: EE w/ cmtry by OM (Prath 11/24 454)  
15995 0005 MD RP: EE "Third World Marches on" (Chituck 11/9 333)  
17680 0020 QUE RP: EE nx (Perry)

CYPRUS

6150 2210 ONT CBC: IS, Greek s/on, ID, tlk (Skora 11/19)(Hoffman PA)(Am-bruster WI)  
7230 2210 NY CBC: IS/ s/on, relig. type mx, 2228\* (Maghakian 11/12)(Donly)

**ALL INDIA RADIO**

3375 1446 CA AIR Gauhati: "This is India" ID, EE nx, weak (Chadbourne  
7125 1240 OR AIR: Tibetan w/ Buddhist chants, then news, Tirana! QRM  
(Bodell/Hickman/Williams (B/H/W) 11/26 333).....  
7225 1820 TURK AIR: EE w/ satire, mx, YL cmtry (Bowers)  
9525 2130 NJ AIR: EE w/ letters, quiz, mx, nx (Mellinger 322 11/26)(Dalum  
IN)(Hoffman PA)(Gelfand NY)(Cuneo NY)(Yajko PA)(O'Brien BC).  
9705 0128 CA AIR: Nepali? w/ IS, TPs, tlk (Barry 12/8)(@ 1130 Carrier FL)  
9912 2050 SC AIR: EE tlk, ID, nx, cmtry (Donly 12/10)(// 9525 Zilmer WI)  
11620 1220 WI AIR: EE state & development nx, freqs & times (Zilmer 11/21)  
11740 2044 OR AIR: EE w/ IS, mix w/ R. Nederland (Uerlings 12/3)  
11775 1040 NY AIR: EE w/ Raga mx played w/ flute, sarangl, santuri, and  
tabla, mentions of India by YL (Peck 11/2)(Willis PA)(Donly) 12/10)

INDONESIA

3205 1420 CA RRI Gorontalo: Indo w/ soft mx, tlk by OM (Wall 11/9 242)  
3345 1240 CA RRI Ternate: Indo tlk, mx, vocals (Chadbourne 11/8)  
3550 1330 CA RRI Kupang: Indo singing (Chadbourne 11/8)  
4719 1140 MN RRI Ujung pandang: Indo tlk, mx (Gavaras)(Blaise LA)(Donly)  
4885 1501 CA RRI Bukittinggi: Indo w/ OM tlk (Bryan 11/10 222) rived  
5046 1300 CA RRI Yogyakarta: IS, Indo tlk (Wall 11/12) ur rpts just ar-  
7071a 1357 CA RRI Jakarta: Indo w/ 6 plps, TC, tlk (Naylor 12/1 232)  
7140 1300 CA RRI Ambon: YL tlk, IS, ID, OM tlk (Link 12/10)  
7240t 1558 OR RRI Medan: Indo OM w/ tlk, anthem, s/off (Uerlings 11/25)  
11789 1640 CA V. of Indo.: AA tlk, EE ID, IS, freqs as 11780, 9710 (Brook-  
well)

IRAN

9022 2030 SC VOI: AA pgm, IDs (Davis 11/5)  
9720 0040 OR VOI: back after several weeks absense, Farsi narrative by  
OM, Persian mx, Islamic tlk, SLBC underneath (Bodell 12/20)  
15084 1545 NY VOI: Farsi tlk, stringed mx (Peck 11/27 332)(Mayer CA)

IRAQ

9635nf 2000 NY RBI: "Learning Arabic by Radio", EE pgm (Gelfand 12/5 323)  
(Baldwin NC)(Watts IN)(Hauser TN PF @ 2130).....  
11905 0345 NJ RB: AA tlk, local mx (Davis 11/9)(Chadbourne CA)(Peck NY)

**R. B. I.**

Israel Broadcasting Authority • רשות השידור

ISRAEL

5882 \*0400 NY IBA: Hebrew HS w/ ID "Shema Yisrael", prayers, ads, folk  
mx (Peck 11/18)(Lentz PA)(Maghakian NY)(Smith FL)(Zilmer WI)  
5900 0445 TN IBA: SS to Argentina to 0455, also Ladino 0435-40, // 9630,  
11960 (Hauser)(EE @ 0500 Hill VA)(Smith FL)(Zilmer WI).....  
7412 0500 IL IBA: EE w/ nx, wx (Potaczek 11/24)(Bonner OH)(Bowman GA)  
(@ 2000 Pecenka IN)(@ 2230 Johnson FL)(Hodsdon MN)(Hill VA)  
9009 2230 FL IBA: EE nx, tlk on Sadat's visit (Carrier 11/19)(Maghakian)  
9350 2059 SC IBA: Hebrew w/ ads, TPs, ID, nx? (Donly 12/3)(Zilmer WI)  
9435 \*2230 NC IBA: EE nx of Sadat's visit (Seymour 11/20)(Prath FL)(Hall  
CA)(Bonner OH)(Carrier FL)(Yajko PA)(Smith FL).....  
9815 2245 NJ IBA: EE nx, "Round and About" (Fraser 11/24)(Lindsey)(Link)  
11655 1200 WI IBA: EE nx, wx, ads, replaces 15103 (Zilmer)  
11960t 1700 CA IBA: Persian (Farsi) tlk, ID? (Naylor)(EE @ 0500 Zilmer WI)



ISRAEL (continued)

15405 1200 WI IBA: EE nx, features, ads, ex 15415, // 11655, 15530, 17815  
 15545 1650 CA IBA: Hebrew w/ tlk of Sadat's visit (Hall 11/20)(Zilmer WI)  
 17630 1438 FL IBA: EE w/ special bost, Sadat's speech (Smith 11/20 343)  
 17665 1510 NY IBA: EE w/ pgm on Sadat, FF @ 1530, Hebrew 1533 (Maghakian)  
 17685 1200 WI IBA: EE nx, cmtry, wx, ads (Zilmer 11/23)  
 17816 1225 FL IBA: EE s/off w/ freqs, 1230 Hebrew (Prath 11/25 344)  
 17865 1200 MA IBA: EE w/ special review of Sadat's visit (Fraser 11/22)

NIPPON HOSO KYOKAI

JAPAN  
 3925 1040 OK NSB: JJ nx by OM /YL, ARO QRM (Spencer 11/27)(Cleveland)  
 5990 \*1300 PA R. Japan: EE w/ nx in GOS (Hoffman 11/30 222)(Pecenka IN)  
 6055 2155 OR NSB: OM/YL w/ JJ tlk, mx, under BBC (Bodell 12/13 333)  
 9505 2007 ONT RJ: EE cmtry, 2015 JJ (Garner 12/5 533)  
 9585 2205 NY RJ: EE/JJ in GOS, nx, cmtry, QRM RSA IS @ 2220 (Utter 11/28)  
 9595 1610 CA NSB: EE w/ audience show (Somers)(JJ @ 0815 Dawson CA)  
 9670 1630 NM RJ: EE IDs, nx, cmtry, orchestral mx, FF @ 1700 (Thompson)  
 11705 0040 MA RJ: WW w/ "Asian NX", 0045\*, // 15270 (Lobdell)(Rosinski PA)  
 11815 2055 NY RJ: IS, JJ/EE ID, EE nx (Peck 11/10)(Seiler BC)(Bryan CA)  
 11840 2258 NY RJ: Viet s/on w/ tlk, JJ mx (Maghakian 12/2)  
 15105 2315 KY RJ: EE "How to Learn JJ" (Peters 12/6)(Davis NJ)(Fraser)+++  
 15195 0145 OK RJ: EE nx of Japan, ID (Spencer 11/12)  
 15270 2345 FL RJ: EE nx, review, "Tokyo Calling" (Baum 11/13 555)(Donly SC)(Hodsdon MN)(Johnson FL)(Blaise TN)(Stone ONT)(Brooks CT)  
 15300 2310 CA RJ: Viet mx, tlk by OM/YL (Bryan 11/13 333)  
 15420 \*0100 PA RJ: EE/JJ IDs, IS, mx, nx, to NA (Hoffman 11/13 333)  
 17725 0238 CA RJ: SS nx by OM (Bryan 11/22 232)  
 17825 0200 NM RJ: EE IDs, nx, cmtry on Sadat, tlk on JJ economy (Thompson)

JORDANHashemite Kingdom Broadcasting Service

9560 1700 GREECE RJ: EE nx, wx (Constantinides 12/1)(Gleffand NY)(Donly SC)  
 P.O. Box 909

D. P. R. KOREA

3320 1307 CA R. Pyongyang: KK cmtry by OM (Hall 12/11 444) Amman-Jordan  
 4120 1420 CA V. of Rev. Party: EE tlk on ROK, mx (Grenier 12/11 444)  
 4550 1235 CA V. of Rev. Party: KK YL w/ tlk, jammed? (Wall 11/14 222)  
 6575 2000 GREECE RP: EE w/ nx, tlk, ID (Constantinides 12/5 323)  
 6600 0735 CA KCBS: KK w/ singing (Barry 11/27 454)  
 9419 1507 OK RP: RR tlk, KK accent (Hauser)(EE @ 0825 Carrier FL)(Perry)  
 9977 1230 MA RP: EE cmtry, mx, ID (Karcheski)(@ 0000 Hallberg IL)(Dalum IN)(Brooks CT)(Stuart SASK)(Mellinger NJ)(Hodsdon MN)(Link)  
 11535 2308 CT RP: EE cmtry, // 9977 (Brooks)(Blaise TN)(Famularo)(Grenier)

REP. OF KOREA

9525 0607 CA R. Korea: EE nx, cmtry, "Listeneres Corner" (Miller 12/5)  
 9640 1606 CA RK: EE w/ political nx, cmtry (Somers 11/22 555)  
 9665 \*1430 WI RK: EE nx (Zilmer 11/26 322) **KBS**  
 9675 0608 ONT RK: EE nx, cmtry, Korean mx (Garner 12/3)  
 9720 1800 GA RK: EE ID, nx, cmtry, mx (Poole 11/12)(Jones CA)(Seiler BC)  
 11822 1350 CA RK: EE cmtry, 1400\* (Barry 12/8 343)  
 11860 1130 PA RK: EE YL w/ nx, cmtry, Korean mx, 1200\* (Hoffman 12/2 222)

KUWAIT

11940 1245 SC R. Kuwait: AA svce w/ tlk, band mx, "Huna Kuwait" ID (Donly)  
 12085 1725 NY RK: EE w/ pop mx, ID, nx (Yacono)(Bonner OH)(Uerlings OR)  
 (George TX)(Davis NJ)(Pecenka IN)(Seymour NC)(Yajko PA)....  
 15345 0750 TURK RK: EE mx, nx, "Kuwait in a Week," "Pop Sounds" (Bowers 11/20)

LAOS

4653 ???? CA Hou Phan R.: Laotian YL w/ tlk (Bryan 11/10 243)  
 6130 1335 CA NRBS: YL tlk in Lao, Soviet QRM (Chadbourne 12/8.9)

LEBANON

9680 0115 SC R. Beirut: 1000hz. tone, 1124 guitar IS, 0130 FF w/ ID (Donly 11/18)  
 11755 2000 SC RB: AA w/ lite pop mx, then FF "Ici R. Lebanon", 2010 FF/EE  
 ID, pop mx, 2028\* w/ anthem (Donly 12/17)(Lobdell)(Bodell OR)

MALAYSIA

4845 1455 CA R. Malaysia Kuala Lumpur: Indian w/ subcont mx, ID (Cleveland) Far Eastern Relay  
 6025 1347 CA RM KL: CC OM w/ tlk, Oriental mx (Hall 12/11 444)  
 6195 \*2200 OR BBC Tebrau: IS, TPs, EE ID is WS (B/H/Williams 11/27 242)  
 7180 \*2200 OR BBC-Tebrau: JJ s/on (Bodell/Hickman/Williams 11/27 333)

MALAYSIA (continued)

9570 2300 SC BBC Tebrau: EE ID, ID, "Comment on Korea" (Donly 12/10 232)  
 9665 0835 CA RM KL: EE w/ rock mx (Mayer 11/26 322)  
 9740 1330 NY BBC Tebrau: EE w/ world nx, "Radio Theatre" (Yacono 11/25)  
 11955 1730 CA BBC Tebrau: EE w/ WS, Big Ben, IS (Brookwell 12/9)  
 15295 \*0625 SC V. of Malaysia: EE w/ IS, chimes, mx, TPs, nx (Donly 12/5)  
 15435 0006 NY BBC Tebrau: EE w/ world nx, nx of Britain (Maghakian) (Perry)

Sabah

4970 1454 CA R. Malaysia Sabah: Bahasa Malaysia w/ lite mx, OM (Cleveland)

Sarawak

4895 1456 CA R. Malaysia Sarawak-Kuching: vernacular chants (Cleveland)  
 4950 1523 CA RMS-Kuching: EE w/ "Sunday Pop Parade" (Grenier 12/11)  
 5005 1457 CA RMS-Sibu: Iban w/ Moslem chanting, ID @ 1459 (Cleveland)  
 5030 1455 CA RMS-Kuching: Bidayah, violin/chamber mx, OM ancr (Cleveland)  
 6050 1316 CA RMS-Sibu: Iban w/ OM cmtry (Hall 12/12 434)  
 7270 ---- JPN cf. Nov. A/O, should read 7270, not 7210 (Aramaki)

MONGOLIA

3053 0014 OR UBR: OM/YL in Mongolian (presumed), classical mx (Bodell 12/12+)

NEPAL

3425 1410 CA RN: Nepali w/ soft mx, OM tkl, ute QRM (Wall 11/9 232)

PAKISTAN

4735 0115 OR PBC Karachi: 2 OMs w/ Urdu tkl, Pakistani mx (Bodell 12/7+)  
 5060 1250 CA PBC Islamabad: Urdu w/ tkl by YL, subcont. mx (Snyder 12/10)  
 7085 1311 OR R. Pakistan: subcont. mx w/ OM singing (B/H/Williams 11/26)  
 7095 2040 NY RP: Urdu WS w/ tkl, Pakistani mx (Maghakian 11/8 343)  
 9460 1300 CT RP: EE nx, 1315\* (Beaudoin 11/13) (Urdu @ 1330 Carrier FL)  
 9465 2040 OR RP: Urdu w/ Pakistani mx, // 7095 (Bodell 12/9+ 343)  
 9500 0030 ONT RP: AA w/ poetry, singing, ID (Stone 11/24 544)  
 11640t 0005 PA RP: EE w/ possible nx (Rosinski 11/27 211)  
 15520 1430 QUE RP: u/lang w/ mideast mx (Perry 11/27 323)



PHILIPPINES

6010 1140 MA VOA: EE w/ "Dateline", nx (Fraser 11/3 343) (Prath FL)  
 6185 2204 OR VOA: EE w/ OM nx (Bodell 12/4 232)  
 7135 \*2200 OR VOA: CC s/on after "Yankee Doodle" (Bodell 12/4 434) **febc**  
 7165 1230 CA VOA: EE IS, ID, "Jazz Hour" (Link 12/10 333) CA  
 9530 1359 CA VOA: OM EE ID, IS, Viet pgm (Hall 12/11 444)  
 9578v 0725 CA R. Pilipinas: EE nx, mailbag (Barry 11/27) (Jones CA) (Miller  
 9590 1500\* CA R. Veritas: EE w/ nx, "Asian Achievers" (Miller 12/9 434)  
 9650 2227 SC VOA: Indo w/ IS, s/on in EE, then tkl by YL (Donly 12/7 433)  
 9715 1345 CA FEBC: JJ w/ mx of the PI, ID, address (Miller 12/3 554)  
 9760 1200 FL VOA: EE world nx, cmtry, then nx in Hindi (Johnson 11/1)  
 11765 0935 FL FEBC: EE w/ world nx, editorial opinions, ID (Carrier 11/2)  
 11850 0841 CA FEBC: EE w/ religious pgm (Mayer 11/27 333)  
 11955 1438 MA R. Veritas: EE nx, relig. tkl by YL (Zimarowski 11/20 333)  
 15290 0000 FL VOA: EE w/ world nx, cmtry (Prath 11/16 443) (Hall CA)  
 15390 0211 BC FEBC: EE w/ "What's Happening in Manila Today" (Dutkowski)  
 17810 0020 TN FEBC: EE w/ sermon, beamed to MA (via Japan), not on 17910  
 as noted in DX Party Line (Hauser 11/13) (Stone ONT) (Mayer CA)

SA'UDI ARABIA

11855 1930 ITALY Broadcasting Service of the Kingdom of Sa'udi Arabia  
 21590t 1540 OR BSKSA: EE nx, cmtry, ID, "Islam in Africa", mx (Marable 11/  
 21640t 1650 PA BSKSA: AA chants, followed by OM tkl (Uerlings 12/8) 433)  
 BSKSA: string mx, then 1700 Qu'ran (Earhart 12/4 343)

SINGAPORE

5052 1449 CA R. Singapore: EE cmtry, het. (from UBR) (Cleveland 12/6)

SRI LANKA

9720 0130 CA SLBC: EE w/ drum IS, pop mx, ancmts (Barry 12/8) (Hodsdon MN) (Link CA)  
 11800 0055 OR SLBC: Hindi svce w/ mx, nx, EE ads. (Bodell 12/20+ 343)

TAIWAN

3230 1440 CA CBS: CC YL/OM tkl, mx, heavy jamming (Wall 11/12 222)  
 9510 1333 CA V. of Free China: CC tkl by OM, mx, jammed (Bryan 11/10)  
 11860 ??? CA VOFC: CC OM w/ nx, // 11825 (Bryan 11/10)

TAIWAN (continued)

11905 1100 PA CBS: Mongolian tlk, CC mx interludes, 1130\* (Hoffman 12/4)  
 15225 0045 BC VOFC: CC w/ OM anc, cmtry (Dutkowski 11/27 222)  
 15425 \*0100 MO VOFC: EE nx, "Let's Learn CC", "Music from Taiwan" (Macris 11/9)(Brooks CT)(Garner ONT)(Hoffman PA)(Famularo NJ)(Perry)  
 17890 2240\* MA VOFC: EE w/ CC orchestral mx, YL ancmts (Zimarowski 11/12) (O'Brien BC)(Seiler BC)(Thompson CA)(Davis NJ)(Mayer CA)...

TURKEY

7175 0000 SC VOT: EE w/ TPs, nx, "History of Turkish Cities" (Donly 11/24) FL)  
 9515 \*2200 PA VOT: EE pgm (Pearson 11/28)(Lindsey NJ)(Yohana NJ)(Davis SC) (Blaise TN)(Johnson FL)(Hodsdon MN)(Carrier FL)(Thompson NM)

U. S. S. R. (Asiatic and unid sites)

3210 1530 CA Mayak IS, unid site, RR pgm (Wall 11/18 222)  
 4485 0745 CA PK relay Vladivostok w/ RR ID, 6 pips, chimes, mx (Wilson)  
 12610 1240 CA Khabarovsk 2: RR tlk, loud opera mx (Wall 11/14)(Hall CA)  
 4795 1313 CA Ulan Ude: RR tlk by YL, QRM from Beijing 4800 (Wall 11/14)  
 4920 0010 OR Yakutsk: RR tlk by OM, // 4940 (Bodell 12/12) @ 1335 Wall)  
 4940 1540 OR Yakutsk: local w/ RR cmtry, lite classical mx (Uerlings)  
 4975 1443 CA Blagoveshchensk: RR w/ cmtry by OM/YL (Wall 11/9)  
 5015 0830 CA Vladivostok: RR drama, tlk in RR/EE on Vlad. (Leistener 12/2)  
 5900 0030 OH R. Moscow via unid site: EE nx, cmtry, mx (Bonner 11/28)  
 5910 1623 CA unid site w/ RR, semi classical mx, OM anc (Bryan)  
 5940 0250 MN RM via Nikolayev: EE tlk on walrus hinting (Hodsdon) Ukraine.  
 6020 0720 CA RM via Khabarovsk: EE OM interview YL (Hall 11/13)  
 6070 1324 CA unid site w/ RR lively mx, YL anc, IS, nx (Hall 12/12 444)  
 6100 1322 CA RM via FE site: CC tlk by YL (Hall 11/20 333)  
 6120 2315 PA RM via Armavir: EE nx (Drumheller 12/1) European site, reb.  
 7110 0310 PA RM via unid site: EE nx, mailbag (Drumheller) Euro site?  
 7170 0557 CA RM via unid site: EE w/ classical mx, ID, nx (Thompson 12/9)  
 7205 0255 MN RM via Armavir: EE w/ nx of Uzbek, tlk (Hodsdon) Euro site  
 7320 0720 CA R. Tikhy Okean: RR tlk, // 9620 Magadan? (Wall 11/26)  
 7355 2310 OR R. Vilnius via Novosibirsk: EE cmtry (Uerlings) or Simferop.  
 7440 0238 IN RM via Novosibirsk: EE cmtry, economic tlk (Pecenka 11/28)  
 9490 1450 CA RM w/ RR vocals (Cleveland 11/28) European site listed, reb.  
 9580 0630 CA RM via Blagoveshchensk: EE w/ mailbag, reviews (Miller 12/5)  
 9630 1340 CA Peace & Prog. via unid site: EE YL nx, cmtry, IDs (Hall)  
 11720 1259 CA Khabarovsk: s/on, ID, nx, mx in RR (Naylor 11/27 333)  
 15100 \*2301 IN R. Vilnius via Vladivostok: EE ID, Lith. mx, mail (Pecenka)  
 17720 2231 CT RM via Nikolaevsk: EE nx, cmtry (Beaudoin 11/12 242) / 13)  
 18150 0030 TN FE site w/ RR on RSCSB, Moscow time, then cl. mx (Hauser 11/1)  
 18900.0 2240 OK FE site? w/ Russian feeder, solo mx, not // 15100 (Hauser)

**RADIO MOSCOW**

Azerbaijan S. S. R.

21490 1340 CT RM via Baku: EE nx, cmtry, to Africa, 1400\* (Beaudoin 11/13)

Kazakh S. S. R.

15210 1230 QUE RM? via Alma Ata in u/lang (Perry 11/1) details please, reb.

Uzbek S. S. R.

5975nf\*1400 NY R. Tashkent: EE, // 6025, 9540, 9600, 1428\* (Utter 12/2)  
 6025 \*1200 CT RT: EE nx, tourist info (Beaudoin 11/28)(Maghakian NY)  
 9600 1203 IL RT: EE nx, mx, cmtry (Hallberg)(Fraser MA)(Davis SC)(Link)  
 11730 1429 NY R. Peace & Prog. via Tashkent: IS, EE s/on, nx (Maghakian)

**THE VOICE OF VIETNAM**

4697a 1555 OR Quang Ninh R?: u/lang w/ YL chants, drums (Uerlings) RKIP?  
 4713 1430 CA Hanoi 2: Viet tlk by OM (Wall 11/12) reactivated????, reb.  
 4945a 1545 OR Hanoi 1: Viet tlk by YL, modulation poor (Uerlings 11/26)  
 10040 1027\* PA VOV: EE YL w/ political tlk, // 12035 (Hoffman)(Carrier FL) (@ 1557 Thompson CA) (@ 2030 Famularo NJ) (@ 2320 Spencer OK)  
 10060 1225 NY Hanoi 1: Viet tlk, folk orchestra mx (Peck 11/12)(Prath FL) (Famularo NJ)(Brookwell @ 0020).....  
 10225 1110 FL Hanoi 2: Viet YL/OM w/ political tlk, mx (Carrier)(Brookw.)  
 12033+ 0035 CA VOV: Indo pgm, // 10040, 1630 "Govorit Vietnam" (Brookwell) (@ 2032 Yajko PA)

YEMEN ARAB REPUBLIC

4853 0325 OH R. Sana': OM in AA vocals, no mx, ID, speech (Moritz 11/9)  
 9780 1900 WI RS: AA ID, nx read by YL/OM, then AA mx (Ambruster 11/13) (Donly SC) (@ 2012 Chadbourne CA) (@ 1530 Bodell OR).....

----- D A T E L I N E -----

**AUSTRALIA-RA** is currently carrying India-Australia cricket matches with this sked, on 15215, 21570; (2345-0715) on 12/30, 31, 1/2, 3, 4, 7, 8, 9; (0015-0845) on 1/28, 29, 30, 2/1, and 2/2....BBCMS, items are used by permission...

**BURMA**-an unidentified station is currently heard on 4980, bcsting in Burmese and minority langs (1030-1330), no ID, not // to 4725, or 5985.....BBCMS.

**CHINA** Beijing Domestic svce in Chinese is currently: Beijing 1: 3220 (2000-2330, 1043-1735); 3450 (2000-2300); 4460 (2000-0020, 0818-1735); 4800, 5860, 6225, 6750, 7095 (2000-0100, 1100-1735); 5320 (2000-0100, 0753-1735); 6665 (2000-1735, Fri. 2200-0457, 0830-1735); 7504 (2000-1735); 7935 (2000-0000, 0933-1735); 9064 (2000-1735); 9080 (2000-2330, 0023-0815, 1103-1735); 11290 (2000-1735); 11330 (2333-1040); 12120 (2300-0800, Fri. 2300-0500); 12420 (2333-0430, 0733-1100); 15550 (1013-0750); 15590 (0003-0930); 17605 (0433-0730)....Beijing 2: 3290 (2100-2330, 1108-1700); 4250 (2100-0030, 0843-1700); 4850 (2100-0000, 1118-1700) 5075 (2100-0130, 0803-1700); 5163 (2100-0000, 1033-1700); 6345 (2100-0000, 0903-1700); 7190 (0033-0840); 7270 (2100-1700); 8320 (0700-1115); 9020 (2100-1700); 9670 (0700-1030); 10260 (2333-1115); 11040 (0003-0900, Tu. 0003-0530); 11505 (0000-1200); 12200 (0133-0800); 15030 (0000-1100).....BBCMS,

**INDONESIA-RRI** Jayapura on new 15300, \*2230 (Bob Padula); RKPDK Tingkat 2, Mojokerto is on 2528 (Bob Yeo); Jakarta back on 1770 w/ Nat. pgm (Yeo)..DSWCI

**ISRAEL-IBA**, from 0400-0500. bcsts in these langs-5 minutes each: (0400-15) on 11775, in Hebrew, Bukharian, Georgian; (0415-30) on 9630, 11775, 11960, in Judeo-Tat, Russian, Yiddish; (0435-0455) on 5900, 9630, 11960 in Ladino, Moga-bit, Spanish (10 minutes); (0455-0500) in easy Hebrew on 11960.....BBCMS.

**LAOS-Houa Phan** regional is on 4650 and 6202 (2300-0015, 0300-0445) and 4320 and 6202 (1000-1115), Xieng Khouang is on 4602 and 6677 to 1400\*.....DSWCI

**LEBANON-Beirut** is on 11755 (1830-2030, 2300-0030), on 9680 (0130-0300)..BBCMS

**PAKISTAN**-regional stations like Peshawar (3153), Azad Kashmir (3860), Islamabad (4060), Karachi (4735), carry // pgm (0045-0100), w/ local ID, Qur'an, then Urdu news.....Jean Jacques Bloch via DSWCI...

R. Pakistan has this sked to 4 March: (0045-0200) Nat. pgm for Burma on 11885; (0100-0245) Bangla on 9645, 11750; (0200-45) Indo on 15325, 17845; (0230-45) slo speed EE nx on 17830, 21590; (0300-45) Swahili, (0345-0430) Gujarati, (0430-0445) slo speed EE nx, all on 15325, 17830, 21590; (0500-0700) Urdu WS on 17665, 21590; (0500-0815) Urdu WS on 15520, 17830, 21730, 15150; (0715-1100) Urdu WS 15115, 17665; (0830-1000) Hindi, (1000-45) Tamil on 11885, 15520; (1100-15) slo speed EE nx on 15115, 17665; (1100-1200) Burmese on 17800, 21590; (1215-1315) Turki on 7210, 9690; (1330-1630) Urdu WS on 9465, 11640, 15520; (1345-1600) Bangla on 7290, 9660; (1630-45) slo speed EE nx on 9465, 11640; (1645-1745) Farsi on 6115, 7165; (1715-1845) Arabic on 7095, 9465; (1800-1900) Turkish (EE nx, 1815-20) on 3775, 9790; (1915-2015) French on 9790, 11640; (1915-2145) Urdu WS on 7095, 9465; (2345-0045) Urdu WS on 7195, 9645, 11750.....DSWCI.

**SRI LANKA-SLBC's** EE to Europe (1845-1945) is now on 7190, 9300, 11800, 15120, 17850....reports welcome, to: Mr. J.A. Herath, Superintending Engineer (Transmitters), Sri Lanka Broadcasting Corporation, Torrington Square, P.O. Box 574, Colombo-7, Sri Lanka.....Oliver T. Goonawardena via DSWCI

**SYRIA-Damascus' Ext. svce** is still heard on 6200, 9300 (1900-2200), the SS/AA svce to LA has not been heard for quite awhile. Domestic svce is AA is heard at various time on 12190, 15165, 15290.....Bob Donly direct from BBCMS.

**TURKEY-VOT** now bcsts in Turkish on 7175 and 9515 (0400-0500, 1900-2100), 11800 (0500-1330); in Arabic (1330-1430), Romanian (1430-1500), Greek (1500-30), Bulgarian (1530-1630), Serbo-Croat (1600-30), all on 11800; German (2100-30), French (2130-2200) on 7175; English (2200-0030) on 7175, 9515.....BBCMS.

**PUBLICATIONS**-to allow for improvements in printing, expansion, postal increases etc., Glenn Hauser's Review of International Broadcasting is now US\$9 (US\$15 for international airmail) for 12 issues. Sample copies of this excellent publication are available for US\$1.35 or 7 IRCs (international air), write to: RIB, c/o Glenn Hauser, WUOT, Univ. of Tennessee, 245 C&E Building, Knoxville, TN 37916 USA.....we highly recommend subscribing to it, reb.....

That's it for this month, and for several months for me. Will be trekking off to the jungles of the Philippines and SEA for about 3 months, leaving in mid January. Our highest gratitude to Mel Hickman who will be filling in while we are away. Give him the same fantastic support you've been giving me. No one commented on dropping SIOs from the loggings, so we'll continue to do so, adding them to the end of reports when there is room. Thanx so much to the 95 reporters this month, especially the first-timers including Costa Constantini-des in Athens. Welcome back to our good friend Dave Williams...pamamaalam, 68

# WORLD SERVICE STATION SKEDS

EMISSIONS

## PROGRAMMI

Editor:

TRASMISSIONI

BULLETIN DE PROGRAMMES

LARRY TALBOT

PROGRAMS

ENGLISH SERVICE

N84 W15119 Knoll Terrace  
Menomonee Falls, WI 53051

SERVIZIO

PROGRAMME SCHEDULE

Deadline: 15th

COMUNICATI NEL CORSO

AUSTRIA, ORF, EE to 5 Mar  
0830-0900 1230-1300 1830-1900, 6155.  
1230-1300 on 9770, 11790. To Europe.  
To NA: 0130-0200 0330-0400 on 6155,  
9770. To WCNA 0430-0500 on 6015.  
To Afr: 1830-1900 on 15335, 17770.  
To fE: 1830-1900 on 9725. Also 0830-  
0900 on 15410.  
To Australasia: 0430-0500, 1230-1300  
on 17840, 17710. 0830-0900 on 17815.  
To eAsia 0830-0900 on 15105.  
Snyder, Johnson.

BANGLADESH, RB, from 6 Nov EE  
0445-0515 on 15400, 17890, 21685.  
1230-1300 on 15520, 1900.  
1815-1900 on 7290, 9500.  
Int. Sig is violin & tanpura. Veri. by  
QSL card. Reports to Research Wing,  
Directorate General, Radio Bangladesh,  
23/7 Shaymoli (B-Block) Dacca-7.  
Karcheski.

BULGARIA, R. Sofia, EE:  
To British Isles: 1930-2000 6070, 7270  
to 6 Mar. then 9700 & 11720.  
2130-2200 9530, 7115 to 31 Jan then  
9530, 9675.  
To NA: 0000-0100 6070 to 6 Mar then  
9707. 0430-0500 7115 to 5 Mar then  
9765. Th Mailbag, F DX pgm.  
Bonner, Elder, Johnson, Lindsey,  
Prath, v.d. Velden, Fraser.

CANADA, RCI, To 5 Mar EE,  
To NA: 0100-0130 9535.  
0200-0230 6185, 9535. 0300-0330 on  
5690, 6185, 9535, 9605. 0400-0430  
5960 9535. 2257-0100 5960.  
To Latin Amer: 0100-0130 9535, 11940.  
0200-0230 6185, 9535. 0300-0330 on  
5960, 6185, 9535, 9605. 0400-0430 on  
5960, 9535.  
To Afr: 0615-0630, 0645-0700 on 9515,  
9730, 11850. 1800-1839, 1900-1930 on  
15260, 17820. 2130-2200 on 9530 11945  
15150, 15325, 17820.  
To eEur: 0615-0630 0645-0700 on 6140,  
7155, 9655, 11780. 1645-1700 15325,  
17820. 1900-1930 5995 11865 15325.  
2000-2030 5995 11865 11945 15325 17820  
To eEur: 1545-1600 on 7235, 7245, 9555  
9565, 15325, 17820. Compton, Koval,  
Bernstein, Davis, Fraser, Johnson,  
Rogers, Smith, Watts, Snyder, Chituck.

CHINA, R. Peking, EE  
0000-0100 ECNA 15060, 15520, 17680.  
0100-0200 ECNA 7120, 9780, 9940,

CHINA (cont) 11945, 15060.  
0200-0300 ECNA 9940, 12055, 15060.  
0300-0400 ECNA 7120-9780.  
0300-0500 WCNA 9460 11650 12055 15060  
0830-1030 Au/NZ 9460 11600 11720  
15060 17635.  
1200-1300 ECNA 9920.  
1200-1400 seA 9290, 9470, 11650 15270  
1400-1600 sAsia 7315, 9860, 11650.  
1600-1800 Afr 7620, 9860.  
1930-2130 Afr 7080, 7620, 9470.  
2030-2230 Eur 6270, 6860, 7590.  
Hall, Prath, Chituck.

CUBA, R. HAVANA, EE to 5 Mar  
To Eur: 2010-2140 17885.  
To Americas: 0100-0450 9685.  
1000-0600 11725, 0330-0600 11760.  
0630-0800 9225 (Mis-print for 9525?)  
2050-2140 11865, 17750 both new.  
Earhart, Pearson, Smith, Ishizaki,  
Becherer, Somers, Yajko, v.d. Velden  
Tnx to Ken Earhart who caught typo.

CYPRUS, CBC, using 6150 7230 9770  
Greek to UK F-Sa-Su only. Maghakian

CZECHOSLOVAKIA, R. Prague, EE  
To NA: 0100-0157 0300-0357. on 5930  
9540, 9630. (Drop 11990)  
To Asia-Pac: 0830-0900 (0930 Sa-Su)  
11855, 15395, 21700.  
1430-1457 5930, 7345, 9605, 11990,  
15110, 17205, 17840.  
To GB/Ire 1630-1657 5930, 7345.  
1900-1927 5930-7245, 7345.  
2000-2027 5930-7345. 2100-2200 6055.  
To Afr/Asia, 1530-1625 5930, 6055,  
7345, 9605, 11990, 15110,  
17840, 17205.  
1730-1825 5930, 7345, 9605, 11990,  
17840.

Underlined freq are new. Rpts request  
these freq for special souvenir  
plus QSL card. Interprog/NA 0045-  
0100 on 9505. 15 min pgms @ 0745,  
0845, 0945, 1045, 1145, 2345, 0045.  
Watts, Fraser, Earhart, Prath,  
Bonner, Johnson, Snyder.

DENMARK, RD, Danish pgms but will  
QSL EE ID @ beginning ea pgm. To Mar  
0900-1000 fE/Au. 1100-1155 Greenland  
1200-1300 NA. 1305-1405 Caribbean.  
1410-1510 eMed/eAfr. 1515-1615 Asia  
1620-1720 NA/Green. 1730-1800 Green.  
1815-1915 wMed/wAfr. 1930-2030 SA.  
DX-1999, Copenhagen V. Johnson.

ECUADOR, HCJB, EE, recd several skeds all dated Nov 6 but they don't match. Listed are ALL freq but I'm not sure they are all used.

To NA/SA 1215-1630 11745.  
To NA 1230-1630 15115.  
0400-0700 11915 9560. 0500-0700 6095.  
To Eur: 1630-1800 17715, 15310.  
1900-2030 11955 15300. 0700-0830 11840, 9525.  
To sPac: 0630-0900 11900.  
0700-1030 9745. 0830-1200 6130.  
Fraser, Johnson, Koval, Maghakian.

EGYPT, R. Cairo, EE to NA 0200-0330 9475, 7120. Jechenthal.

FINLAND, RF, EE to Mar 5  
0800-0925 fE/Au 21490 (Su)  
0930-0955 Eur/Afr 15270 (Sa-Su)  
1300-1325 Eur 11755, NA 15105, fE/Au 15260.  
1325-1455 Eur 11755(Su)NA 15105 (Su)  
1900-1925 Eur/mE 11755 Eur/Afr 9550.  
2030-2055 Eur/Afr 9550 Eur 6120.  
Dalum, Fraser, Yajko.

FRANCE, RFI, "Paris Callin Afr" EE 1700-1800 on 9605, 11705, 11860, 11890 11930, 11965, 15210, 15300, 15360, 15425. Armbruster, Hall, Earhart, Cuneo, Novello, Fraser.  
FF pgm to NA 1300-1800 15440, 17780.

GERMAN DEMOCRATIC REPUBLIC (East) RBI  
To NA: 0000 & 0130 on 9730 0230 on 9555, 6080, 11890, to WCNA.  
To Eur: 1830 on 6080 6115 7185 7300 9730. @2115 on 7260.  
To Afr: 0345 6195, 11875, 1215 17775. 1700 15145, 15170, 11875, @ 1900 on 9665, 11975.  
To seAsia: 0545 17700, 17740. 1100 on 15115, 17880, 21540. 1300 on 17880, 21540. 1430 on 11975. Compton.

FEDERAL REPUBLIC OF GERMANY (West) LW  
To Australasia: 0120-0220 6065, 7210 7285, 9690. 0930-1030 9650, 11850, 15275, 17715, 17780, 17800, 21540.  
1720-1750 7160 9590 11785 11925.  
2100-2200 7130, 9765.  
To Afr: 0430-0515 6065, 7150, 7225, 9565, 9765. 1045-1115 11785, 15410, 17765, 17875, 21500, 21600.  
1715-1745 7285, 9735, 11810, 11850.  
0600-0630 9615 9700 11765 11905 15275  
1200-1245 15410, 17765, 17875, 21600.  
1930-2000 9765, 11905,  
To NA: 0130-0150 6010, 6040, 6075, 6100, 9545, 9565, 9605, 11865.  
0530-0550 5960, 6100, 6185, 6135, 9545, 9590. These were all EE.  
To Asia: JJ 1115-1215 9605, 11765, 17825, 15135. Hall, Prath, Bernstein Snyder.

GUAM, KTWR, to Mar 5, Indo, Asia, USSR  
0700-0930 EE 15115. 0915-0930 EE 9640.  
0930-1000 JJ 9640. 1000-1100 EE 15115 9640. 1430-1500 EE 11705, 9670.  
2200-2300 JJ 11705.

GUAM (cont) 0000-0130 EE 17855. Ishizaki, Donly.

HUNGARY, R. Budapest, EE  
1030-1100 Au/NZ/Japan 21525, 17715, 15160, 11910, 9585, 7155, 6040.  
1200-1220 Eur (M-F) 21525, 17785, 15160, 11910, 9585, 7155, 6040.  
1430-1500 Asia (M-F) 21525, 17710, 15160, 11910, 9585, 7200, 6040.  
2100-2130 Eur 15225, 11910, 9655, 7200, 6110, 6060.  
0200-0230 NA (Tu-Su) 17710, 15225, 11910, 9585, 6160, 6080.  
0300-0330 NA 17710, 15225, 11910, 9585, 6105, 6080.  
DX pgms Tu&F to Eur on 17780, 15160 11910, 9585, 7215, 5980, 1515-1530.  
To NA W&Sa 0400-0415 on 17710, 15225 11910, 9585, 6105, 6000. Earhart.

ISRAEL, IBA, EE to Mar 4.  
0500-0515 5900A 7412A 11655B 11960D  
1200-1230 11960A 15105A 15415A 15485C 17815A.  
2000-2030 5900A 7412A 9009D 9425D.  
2230-2300 5900A 7412A 9435E 9815A.  
A=NA/wEur. B=WCNA. C=seA. D=Afr.  
E=ECNA/Carib. Johnson, Prath.

JAPAN, NHK, EE to Mar 4  
2015-2045 mE/nAfr 9700, 7250.  
2135-0045 NA 15270, 11705.  
0340-0230 NA 17725 17825 15420 15195  
0800-0830 Eur 15325, 17825.  
1830-1900 Eur 9605, 7195.  
0930-1030 Au/NZ 15235, 11875.  
1115-1145 seA 11875, 9675.  
1630-1700 seA/Afr 9670, 7250.  
Gen svc 30 min pgms EE/JJ every hr on the hr. To NA: From 0500 9505.  
From 0800 5990. From 1900 9505.  
From 2200 15105. Murphy, Hardester, Fraser.

KUWAIT, RK, EE to Mar 5  
0800-1100 Arab G1f 9650. seA 15345.  
2000-2300 Arab G1f 9650. seA 11825.  
Europe 12085. Dalum.

MONACO, TWR, EE to Apr 1, meterbands  
0030-0130 25\*. 0725-0855 (M-F) 41.  
0725-0900 (Sa-Su) 41. 0900-1100 Su 31  
0940-0955 Sa DX pgm 31. 1030-1100 Tu & Th 31. 1030-1045 W 31.  
1500-1515 Sa DX pgm 41.  
\*=Bonaire xmsn to Eur/Afr/mE/fE.  
25=11705, 11750, 11770, 11925.  
31=9525 9610 9630 9640 9655 9675 9735  
41=7105 7135 7230 7245 7260 7275.  
v.d.Velden

NEW ZEALAND, RNZ, EE amended Pac svc  
1800-2215 11960. 1800-2245 15130.  
2230-0520 17710. 0530-0715 11780.  
0730-1030 11820. 2300-0345 15380.  
0400-0715 15130. 2 IRCs required/QSL  
Thompson, Koval.

PHILIPPINES, R. Veritas, to Mar 5  
0100-0125 JJ 9740. EE 11725 15280.  
1230-1255 JJ 9535. 1400-1500 EE 9590, 15115, 11955. Donly.

ROMANIA, R. Bucharest EE  
To Eur: 1300-1330 15250 11940 9690.  
1930-2030 7195, 6150.  
2100-2130 7225, 5990.  
To NA: 0130-0230 0400-0430 11940, 11735  
9690, 9570, 6190, 6155, 5990.  
To Pacific: 0645-0715 17825 15340  
15250, 11940.  
To Asia: 1200-1230 17785, 15345.  
1500-1530 15250, 11940, 9530.  
To Afr: 0530-0600 15340 11830 9685  
1730-1800 15365, 11790, 9685.  
DX pgms: Eur W 1930, Th 1300.  
Asia W. Afr Th. Lindsey, Dalum,  
v.d.Velden, Snyder.

SOUTH AFRICA, RSA, SABC.  
0256-0426 eAfr 9585, 7270, 3995.  
0550-0700 wAfr 17780 11900 15220.  
1300-1550 c&eAfr 21535 (to 1456 M-F)  
15220 (to 1456 daily)  
11900 (to 1450 M-F)  
1056-1158 c&eAfr 21535, 15220, 11900.  
1556-1650 eAfr/mE 21535 11900 7270.  
2056-2150 wAfr/Eur 15155 11900 9585.  
2226-2320 NA 15155, 11900, 9585.  
SABC EE svc: 0558-0835 (0630 Sa 0700 Su)  
on 4835. 0835-1720 11790. 1720-????4835  
0558-0720 (0630 Sa 0700 Su) 3965.  
0720-1820 9680. 1820-???? on 3965.  
Springbok Radio: 0500-0837 (0600 Su) on  
4810. 0837-1722 11935. 1722-0000 4810.  
0500-0722 (0600 Su) 3980. 0722-1822 on  
9710. 1822-0000 3980. Bdcsts RSA from  
0000-0500 (0600 Su) on 3250, 3980.  
Market rpts 1805-1850 M-F on 3250.  
Radio 5: 0500-0730 3320. 0730-1730 7170  
1730-0000 3320. I've just realized that  
all times listed after SABC EE svc are  
GMT+2. Sorry about that.  
Pearson, Dalum, Hall, Koval.

TURKEY, VOT, EE to NA, 2200-0030 on  
7175, 9515. DX pgm daily.  
Prath, v.d.Velden, Snyder, Johnson.

SPAIN, RTVE, EE  
0100-0400 NA 6065 (Tu-Su)  
2030-2230 Eur 6100 7155 9505 all M-Sa  
0100-0400 NA 11880 Tu-Su.  
Bowman, Monjure, Johnson, Smith, Yajko

SWAZILAND, TWR, FF \*1915 on 17745  
Mike Maghakian says recep has been good

SWEDEN, RS, Amendment no. 3 dated Dec 7  
0030-0130 0200-0230 NA now 9505 ex 9620  
0230-0300 NA now 9505 ex 9695. 310 deg.  
0230-0300 NA now 9695 ex 9535. 295 deg.  
0300-0330 LA now 5995 ex 9535.  
1330-1500 NA now 17790 ex 15305.  
2300-2330 NA now 9605 ex 6120.  
See last mo sked for freq which  
did not change. Zilmer, Thompson, Hall  
Seiler, Davis, Johnson, Watts.

U.S.A., WYFR, revised Dec 1 EE,  
FREQ TIME TARGET  
6055 2100-2300 Afr/Eur  
6155 0100-0500 Mexico  
9630 2100-2300 Eur/nAfr  
9690 1800-2000 n&eEur

U.S.A. (cont)  
11780 1900-2100 nAfr/Eur  
11805 1605-2100 n&eEur/Afr  
15110 1230-1551 (Sa-Su) Eur/nAfr  
15130 1700-1900 Eur/nAfr  
15440 1700-1900 Eur/nAfr  
17845 1800-2100 wAfr  
17865 1230-1551 Eur/nAfr (Sa-Su)  
17875 1400-1600 Eur/nAfr (lang unk)  
21525 1605-1800 Eur/nAfr (likely off)  
Underlined new Okeechobee xmtr.  
I have full sked all lang for SASE.  
Watts, Thompson, Johnson, Chituck.

U.S.S.R.  
R. Kiev: To Eur 1930-2000 7360,  
6020, 5970. EE.  
To NA: 0030-0100 7150, 7215, 11690,  
EE 11790, 15100. 0300-0330  
5900 7215 7400 9580 11860.  
Drumheller, Earhart, Elder.  
R. Vilnius: EE 2300-2330 7150 7215  
7360 7400 7450 11690 11790 15100.  
Earhart.  
R. Tashkent: 1200-1230, 1400-1430  
5975, 6025, 9540, 9600.  
Utter, Dalum, Maghakian

VATICAN, RV, EE  
To Eur: 1445-1500 6190, 7250, 9645  
11740.  
2030-2045 6190, 7250, 9645  
To NA: 0100-0115 5995, 9605, 11800  
To Afr: 1115-1130 17840, 21483, M-F  
1200-1215 17840, 17900, M-F  
1700-1730 11830 15120 17900  
2045-2100, 2115-2145 9625,  
11705, 15120.  
To Asia: 1515-1530 11875, 15165,  
17825. M-F.  
To Australasia 2210-2230 7235,  
9615, 11705.  
Arbruster, Watts, Johnson.

YUGOSLAVIA, R. Belgrade, EE  
1530-1600 on 11735 15240 9620.  
1830-1900 2000-2030 2200-2215 on  
6100, 7240, 9620. Child.  
Thanks for your cards & wishes for  
the Holidays. Hope yours were good  
ones. Again welcome to the new  
members. Hope to hear from all of  
you often. Don't hesitate to send  
those skeds even if they seem com-  
mon. You never know. As long as I  
have room, a few comments: Please,  
use only one side if you copy. Also  
don't forget dates, this is impor-  
tant. Sign ea sked. If you have  
more than 1 on a sheet, sign ea as  
I cut them up for sorting. Watch  
times as some don't always use GMT.  
Don't forget to grab those skeds  
off the air, they're always more up  
to date than the printed ones &  
again, give me dates. Because of  
limited space I have been extract-  
ing EE & JJ (a special request from  
our several members in Japan) only.  
If anyone has a need for other lang  
to a particular area, let me know  
& I will do my best. 73s Larry

Editor:

KEN COMPTON  
7 Mount Vernon Street  
Brighton, MA 02135

Deadline: 15th



HAPPY NEW YEAR

QSLs

All freqs in khz

**ALASKA:** NOX USCG ADAK 6521.8 PFC in 108d for ms. 1kw. (Chabak-GO)  
**Address:** USCG Radio - NOX P.O. Box 575 FPO Seattle WA 98777  
**AMERICAN HAWAII:** KUQ20 G.A.S. Page Page 15623.5 f/d ltr 44d ms (Chabak-GO)  
**BERMUDA:** VRT C&W St. Georges 13119.5 no data fldr cd 86d 2IRCS (Longacre)  
**CANADA:** CHU N.R.S. Ottawa 7335 no data cd in 12d for no rp (Sailer-BE)  
**DEMARK:** OXZ8 Lyngby R. 17068.4 f/d tower cd in 77d for 2 IRCS (Tague-OK)  
**ECUADOR:** ED210A Navy I.O.A. Guayaquil no data ltr + incorrect sked 47d for ms. (Trochimczyk-MD) - Photo on next page -  
**ENGLAND:** GLD BPO Land's End 1706 freq only ltr 8d for ms. (Proom-ENGLAND)  
GKZ BPO Humber R. 2182 freq only ltr in 7d for ms. 1kw. (Proom-ENG)  
GLV Anglesey R. Amlwch 2182 f/d ltr 4d, ms rtrnd (Proom-ENG)  
GNI BPO Niten R. 2182 f/d ltr 4d, ms rtrnd (Proom-ENG)  
Jersey R. 2182 no data ltr & cd 9d for ms (Proom-ENG)  
GND BPO Stenhaven R. 2555 f/d ltr in 8d for ms. 1kw. (Proom-ENG)  
GNE BPO Oban f/d ltr in 7d for ms. 1kw. (Proom-ENG)  
GKU51 BPO Porththead 13116 f/d PFC & ltr saying they don't regularly  
QSL in 35d air for 1 IRC. (Longacre-NY) - Photo below -  
**GUATEMALA:** AAC&R 6957.5 f/d white map cd in 31d for ms. 10kw. (Tague-OK)  
**GUATEMALA:** "RAD" Rabinal aerobeacon 1613 PFC 10d for ms (Trochimczyk-MD)  
**ITALY:** IRH37 ITALCABLE Rome 10715 f/d map cd 32d air for no rp (Tague-OK)  
**NEW ZEALAND:** RMZN Iirangi ZLP 17128 PFC 37d air for 2 IRCS (Tague-OK)  
**SWEDEN:** SDJ Stockholm R. Stånås 2182 f/d PFC & cd in 11d surface for 1 IRC. 1.3kw. (B. Proom-ENGLAND)  
**U.S.A.:** WSY7Ø NY Aeradio 3001. No data form ltr explaining VOLMET service in 21d for SASE (not used) (Mellinger-NJ)  
WOO AT&T Ooceagate R. 4403 date only cd 15d for no rp (Mellinger-NJ)  
WOM AT&T Ft Lauderdale 8792.8 date only cd 6d for ms (George-TX)  
WCC RCA Chatham-MA 12925 f/d cd 4d for ms (rtrnd) (Chituck-MD)  
WOC RCA Lantana R. 12970.5 f/d ltr in 25d for ms (Tague-OK)  
KOK IT&T Cerritos CA 12993 f/d typed pc 9d for ms (????????-??)  
Please put name & date on every QSL report  
NMM USCG Portsmouth VA 16976 f/d ltr in 5d for ms (Chituck-MD)  
**SHIPS:** JJGD "Suzukawa Maru" cargo 8364.4 ltr 135d for IRC (Holbrook-MD)  
FTJZ "Aubrca" cargo 16733 PFC in 27d for IRC. 500w. (Holbrook-MD)  
**AIRCRAFT:** XDØ4 LC-130R Hercules of the Antarctic Development Sq - VXE6 8997 QTH: 120E-80S PFC 18d for ms (Chabak-GO)  
XDØ5 LC-130 Hercules 8997 PFC 19d for ms. 300w. (Chabak-GO)

All aircraft using the Xray Delta callsign prefix and working an Antarctic station are part of the USN Antarctic Development Squadron VXE-6 based at Williams Field near McMurdo Station. They are special winterized, ski equipped Lockheed Hercules transports, and their primary mission is to provide airlift services of men and supplies between the various Antarctic stations. The address for these aircraft is:

Aircraft XRAY DELTA ??  
c/o USNAVSUPFOR - Williams Field  
Antarctic Development Squadron VXE-6  
FPO San Francisco, CA 96601

Currently there appear to be five active a/c using the calls: Xray Delta Ø1, Ø2, Ø3, Ø4 and Ø5.

Big surprise November 12 & 14 --- South Pole Station came in at much better levels and the op for many xmens was FEMALE!

Antarctica seems to be fading. Best reception here between end of September & mid-October with a flareup again in mid-November, but signal strength has gone downhill since then. Another problem is that 8997 is a Navy RATT freq, adding QRM. Congratulations, Mike! Fine info!



El Ecuador ha sido, es y será  
País Amazónico



Telefs. 431105 - 431300  
Casilla 740. 5940  
Cable: INOCAR  
Guayaquil - Ecuador

INSTITUTO OCEANOGRAFICO DE LA ARMADA

Oficio No. INOCAR-ANV-1715-0

Guayaquil, October 24 de 1977

Dr.  
JUERGEN TROCHIMCZYK  
(Carnegie Institution of Washington)  
GEOPHYSICAL LABORATORY  
2801 UPTON STREET, N.W. Washington, D.C. 20008  
USA.

Dear Sir:

It is very pleasant for me to answer your letter dated October 3/77 and confirm that you have tuned the shortwave transmissions of our Standard Time Signal Station, which gives the Official Time of Ecuador.

Corresponding at your request, I am enclosing a pamphlet that contains general information of the System, also a copy of its programming and a pamphlet describing activities of our Institution.

With highly appreciation for your valuable report I remain.

Yours faithfully

DIOS, PATRIA Y LIBERTAD,

Pedro Cabezas G.,  
Capitán de Corbeta.

DIRECTOR DEL INSTITUTO OCEANOGRAFICO

FVQ/Jmp/eoch.

SOUTHEAST ASIA INTERPOL NET  
JPA23/24/33/35 Tokyo (Control Station)  
DUN356 Manila HMA22 Seoul HSQ Bangkok  
VRD Hong Kong 8UF75 New Delhi  
Control Station Times and Frequencies:  
To all except 8UF75, New Delhi:  
0100, 0300, 0500, 0700, 0900 GMT - 9285, 14607.5  
0200, 0400, 0600, 0800, 1000 GMT - 14707, 18087 Kam Yuk Tong-HONG KONG  
To 8UF75, New Delhi (All times GMT)  
1100 - 18087 1200-1300 - 9285, 14607.5 1400-1500 - 9285

Hirokazu Koizumi has provided the following addresses for Kishōchō, which use the transmitters of KDD:

Meteorological Agency Radio - JMB, JMC  
 Tsushinka Kishocho  
 3-4 Ootemachi 1 chome  
 Chiyoda-ku  
 Tokyo 100, JAPAN

Sapporo Meteorological Observatory  
 Sapporo Kanku Kishōdai  
 Kita 2 jo nishi 18  
 Sapporo  
 Hokkaido, JAPAN

Kam Yuk Tong, new SPEEDXer from Hong Kong, reports that Hong Kong VOLMET is now using 5519, 8903 and 13344 khz for its met reports.



POST OFFICE

Please address any reply to The Officer-in-Charge  
 and quote:  
 Your reference:

Post Office Radio Station  
 HIGHBRIDGE  
 Somerset  
 TA9 3JY

Telex: 46111 (PORTISHEAD RADIO)  
 Telephone: Burnham-on-Sea 3291  
 21 Oct 1977

Mr Don Longacre  
 16 North St  
 Caledonia  
 NY USA 14423

Dear Mr Longacre

Thank you for your letter of 8 Oct. As a major world wide communication complex covering WT RT and RTX we can be inundated with reports and for this reason we do not normally reply; generally we can obtain any necessary information from our maritime users.

However, as your letter contained much interesting reference to the pulser type interference which we are currently pursuing, I shall be forwarding this to our authority for information.

I return your QSL card on this occasion and thank you for your interesting letter.

Yours sincerely

J D Todd  
 Radio Overseer

	All freqs in khz	LOGGINGS	All times GMT
ALASKA:	6521.8	0138 NOJ USCG Kodiak OM ee wkg	CGC "Jarvis USB (Hobson-MI)
CANADA:	2598	0055 VAR S. John CG R. OM EE wx (preceded by unid marine wx bcsts in EE & FF) SSB (Fraser-MA)	
	3001	0350 VFG Gander VOLMET OM EE aero wx AM (Mellinger-NJ)	
	3300	0402 CHU N.R.C. Ottawa OM FF/EE time sigs AM (Monjure-LA)	
	4235	0351 VAI CCG Vancouver BC CQ mkr CW (Longacre-NY)	
	4255	0457 CHF Navy Ellerhouse ID mkr CW (Hook-FL)	
	4498.4	0425 CKN Vancouver Mil V mkr CW (Dawson-CA)	
	5638	0929 VFG Gander Aeradio OM EE wkg Caledonia 4131 (Chabak)	
	5652	0550 VFG Gander VOLMET OM EE aero wx AM (Monjure-LA)	
	6351.5	0551 VAI DOT Vancouver CG R. V mkr CW (Blaize-LA)	
	8697	0401 CFH Halifax Mil C13L V mkr CW (Blaize-LA)	
	6500a	0340 St. John Military NB OM EE aero wx SSB (Stone-ONT)	
	6753	0435 VXA Edmonton Military ALB OM EE wx USB (George-TX)	
		Can anyone furnish the address for VXA? - Ed.	
	8453	2045 VAI Vancouver CG R. NB V mkr CW (Dawson-CA)	
	12265	1420 VFG Gander Aeradio OM EE wx (Smith-FL)	
	12874	1930 VCS Halifax CG R. CQ mkr CW (Chituck-MD)	
	14670	2151 CHU N.R.C. Ottawa OM EE/FF time sigs AM (Jones-CA)	
	15700a	2245 CJX St. John's Mil NPLD OM EE aero wx SSB (Stone-ONT)	
MEXICO:	4355	0434 XFM Manzanillo Colima R. CQ mkr CW (Longacre-NY)	
	12703	2425 XFL Mazatlán Sinaloa R. CQ mkr CW (Monjure-LA)	

U.S.A.: 2500 0330 WVV Ft Collins CO OM EE time sigs AM (Baum-FL)  
 2670 1254 NCV USCG Galveston TX OM Gulf wx SSB (Hall-CA)  
 2980 0336 KSF70 Oakland VOLMET OM EE aero wx AM (Seiler-BC)  
 3001 0100 WSY70 NY VOLMET OM EE aero wx AM (Mellinger-NJ)  
 3995 0531 NMN USCG Portsmouth VA OM EE marine wx AM (Smith-FL)  
 4310 0400 WNU TR&T Slidell LA CQ mkr CW (Monjure-LA)  
 4393.4 1237 NMC USCG San Francisco OM marine wx (Pecenka-IN)  
 4412.8 0436 WLO Mobile Marine AL OM EE tfc USB (Pecenka-IN)  
 4428.6 2325 WOM AT&T Ft. Lauderdale FL YL EE tfc USB (Smith-OH)  
 4467.5 1730 KCC591 ME CAP OM EE search tfc LSB (Hutchins-ME)  
 4490a 0931 WOM AT&T Ft Lauderdale FL OM EE wx SSB (Thompson-CA)  
 4600a 0109 KIG447 SC CAP Kiddy Car roll call SSB (Stone-ONT)  
 4602.5 2135 Grayhawk 314 OM wkg Grayhawk 725 OH CAP USB (Pecenka)  
 2139 KQD406 OH CAP Blackhawk 901 OM EE tfc USB (Pecenka-IN)  
 4746 0831 AFI McClellan AFB CA OM EE tfc LSB (Jones-CA)  
 5519 0140 KSF10 Oakland VOLMET YL EE aero wx AM (Jones-CA)  
 1351 KVM70 Honolulu VOLMET ?? EE aero wx AM (Link-CA)  
 5652 0015 WSY70 NY VOLMET YL EE aero wx AM (Yajko-PA) 0130  
 (Pecenka-IN) 0540 (Monjure-LA)  
 5696 1855 NOY8 USCGAS Corpus Christi TX EE tfc SSB (Blaize-LA)  
 1901 NOM USCGAS Miami FL EE clg #1490 SSB (Blaize-LA)  
 1907 Mobile Air USCG AL clg #7247 SSB (Blaize-LA)  
 6380a 0557 NMC USCG San Francisco CQ mkr CW (Blaize-LA)  
 6389.5 0725 WNU TR&T Slidell LA CQ mkr CW (Trubee-HI)  
 6411.35 0546 WOE Lantana R. Boynton Beach FL V mkr CW (Blaize-LA)  
 6455 1820 WFN ANCOM Louisville KY OM EE river tfc USB (Ireland)  
 6518.5 2310 KHG Houston TX OM EE wkg WX6896 USB (Longacre-NY)  
 6521.8 0212 NMA USCG Miami FL OM EE wkg NMA4 USB (Hobson-MI)  
 6540 0138 KIL8 Miami Aeradio OM EE wkg A/C #6640 USB (Pecenka)  
 6750 0123 AFES MacDill AFB FL OM EE wkg #005 USB (Pecenka-IN)  
 0318 wkg Navy D12P (Compton-MA)  
 6924.5 0043 KKN50 State Dept DC "KGA30 DE KKN50 ZBO O R" mkr CW  
 (Compton-MA) 0752 CQ mkr CW (Dawson-CA)  
 7995 0429 AT&T Dixon CA OM EE vm USB (Mappin-WA)  
 8262 0240 WOM AT&T Ft Lauderdale FL OM EE tfc USB (Ireland-TN)  
 8550 0737 WPA RCA Port Arthur TX V mkr CW (Dawson-CA)  
 8574 0308 NMC USCG ID mkr San Francisco CA CW (Blaize-LA)  
 8586 0432 WCC RCA Chatham MA V mkr CW (Blaize-LA)0845(Dawson)  
 8610 0423 WSG RCA Tuckerton NJ V mkr CW (Blaize)0909(Dawson-CA)  
 8650 0415 NMO USCG Honolulu HI CQ mkr CW (Blaize-LA)  
 8806 0209 WOM Ft Lauderdale FL OM wkg "Diana McCall(Pecenka-IN)  
 8868 0038 WSY70 NY Aeradio OM VOLMET wx AM (Pecenka-IN)  
 8903 0505 KSF10 Oakland VOLMET YL wx AM (Jones-CA) 1635 (Link-CA)  
 8984 2014 NMN CG Portsmouth VA wkg AF Rescue 50978 USB (Hobson)  
 12993 1744 KOK IT&T Cerritos CA CQ mkr CW (Chituck-MD)  
 15540 1648 KKN50 State Dept Wash DC QRA mkr CW (Hall-CA)  
 16299 2115 NRD USN Coos Head OR OM EE tfc USB (Ireland-TN)  
 17026 1850 KFS IT&T San Francisco CQ mkr CW (Chituck-MD)  
 17408.6 1826 WWD Scripps Institute La Jolla CA wkg ship AM (Seiler)  
 17610 1750 WOO AT&T Oceansgate R. Manahawkin NJ OM vm AM (Stone)  
 18820 2107 WOO AT&T Oceansgate R. NJ OM EE vm USB (Seiler-BC)  
 2216 WEE28 AT&T NYC OM EE vm USB (Dawson-CA)

\*\*\*\*\*  
 CARIBBEAN

BERMUDA: 12709.2 2020 VRT C&W St. Georges CQ mkr CW (Chituck-MD) (Thompson)  
 CUBA: 2760 0127 CLT3 EMRAIN Nueva Gerona Isle of Pines SS tfc (often  
 heard here) AM (McCreery-GA)  
 8516 0350 CLS EMRAIN Havana CQ mkr CW (Longacre)0738 (Zimarowski)  
 8782a 1431 COL Navy Havana wkg RHIV & RFNV CW (Compton-MA)  
 12919 2054 CLS EMRAIN Havana CQ mkr CW (Chituck-MD)  
 13474 1800 CLA223 IRTS Bauta bagpipe mkr AM (Jones-CA)  
 CURAÇAO: 4334 0350 PJC GRTA Willemstad CQ mkr CW (Thompson-NM)  
 8694 0604 PJC GR&TA Willemstad CQ mkr CW (Watts-IN)

DOMINICAN REPUBLIC:

0121 6590a Santo Domingo Aeradio OM SS wkg Madrid & acft (McCreery-GA)  
 MARTINIQUE: 4263 0440 FFP3 PIT Fort de France CQ mkr CW (Hook-FL)  
 6388.6 0340 FUF French Navy Fort de France V mkr CW (Thompson-NM)  
 P. RICO: 12718.5 0209 NMR USCG San Juan ID mkr CW (Monjure-LA)0440 (Watts)  
 8471m 0837 NMR USCG San Juan CQ mkr CW (Zimarowski-MA)  
 2670 0845 NMR USCG San Juan OM EE wkg "Oregon II" USB (Chabak)  
 17645a 2215 NMR USCG San Juan CQ mkr CW (Monjure-LA)

\*\*\*\*\*

CENTRAL AMERICA

COSTA RICA:8478 0230 TIM Limón R. V mkr CW (Thompson-NM)  
 13100 1955 TIM Limón R. V mkr CW (Chituck-MD)  
 GUATEMALA:1613 0305 "RAB" Rabinal aero beacon CW (Ireland-TN)  
 PANAMA CZ:5803a 0817 WHZ77ø Panama Aeradio CM EE wkg Braniff 2979(contin-  
 uous time tick in background) USB (Chabak-CO)

\*\*\*\*\*

SOUTH AMERICA

ARGENTINA:8646 0618 LPD86 Gen. Pacheco R. V mkr CW (Dawson-CA)  
 BRAZIL: 4412.6 0458 PPL EMBRATel Belém OM EE/SS vm SSB (Maghakian-NY)  
 8502 0608 PPL Belém R. V mkr CW (Watts-IN)  
 8520 0200 PPO EMBRATel Olinda CQ mkr & tfc list CW (Blaize-LA)  
 12979.5 0518 PPL EMBRATel Belém CQ mkr CW (Chituck-MD)  
 ARGENTINA:8842 2346 "Resistencia" Aeradio wkg Asunción (Santiago, Lima,  
 Santa Cruz & Asunción also on freq) (McCreery-GA)  
 COLOMBIA:1635 0700 "ORI" Orito aero beacon CW (Walters-NJ)  
 1690 0025 "MDE" Medellín aero beacon CW (Ireland-TN)  
 1695 0530 "TBU" Tibu aere beacon CW (Walters-NJ)  
 6386.5 0600 HKC EMMATEL Buenaventura CQ mkr CW (Blaize-LA)  
 8574 0310 HKC EMMATEL Buenaventura CQ mkr CW (Blaize-LA) 1730  
 (Longacre-NY)  
 8959 1628 Bogota Aeradio OM SS clg Barranquilla USB(Compton-MA)  
 13087.5 ??? HKB ENTEL Barranquilla CQ mkr CW(Chituck-MD) Time,  
 Bruce? CQ mkr CW 0414 (Monjure-LA)  
 ECUADOR: 1625 0503 "ZUI" air beacon Ascazubi (Walters-NJ)  
 1700 0720 "OLM" air beacon Olmedo CW (Walters-NJ)  
 1730 0057 "LAG" air beacon Lago Agrio CW (Walters-NJ)  
 7600 0000 HD210A Navy Oceanographic Institute Guayaquil OM SS  
 time sigs AM (Yajko-PA) 0130 (Link-CA) (Poole-GA)  
 0255 (Compton-MA) 0411 (Stroh-IL) 0440 (Mappin-WA)  
 PERU: 6666 0303 Lima Aeradio OM EE wkg KLM 773 AM (McCreery-GA)  
 SURINAM: 6805 0700 PZI Zanderij FF tfc LSB (Dawson-CA)  
 URUGUAY: 8602 0320 CWA ANTEL Cerrito CQ mkr CW (Longacre-NY)  
 VENEZUELA:8945 2204 Maiquetia Aeradio OM EE wkg Lufthansa 518(Compton-MA)  
 17810a 1805 Dir Tel La Guaira V-CQ mkr CW (Chituck-MD)

\*\*\*\*\*

EUROPE

AZORES: 5680 0835 CUW USAF Lajes patching MV "Chelsea" to New York RCC  
 (Reacue going on) USB (Chabak-CO)  
 5703 0805 CUW USAF Lajes Field wkg MAC50222 USB (Chabak-CO)  
 8469 0840 CUG CPRM San Miguel CQ mkr CW (Zimarowski-MA)  
 DENMARK: 8148 0750 OVG Navy Fredrickshavn V mkr CW (Dawson-CA)  
 ENGLAND: 3310 0345 KR15ø US Embassy London QRA mkr CW (Longacre-NY)  
 4371 0641 GKU22 BPO Pertishead OM EE vm SSB (Watts-IN)  
 6495 0642 GKE BPO Pertishead ID mkr CW (Trubee-HI)  
 8500a 0415 BRN London GLO2ø/MHU/GYA mkr CW (Trochimczyk-MD)  
 8546 0202 GKA BPO Pertishead V mkr CW (Blaize-LA)  
 FRANCE: 4591a 0525 FUG Navy La Regine R. Castelnaudary V mkr CW(Watts)  
 6351a 0553 FUG Navy La Regine R. V mkr CW (Blaize-LA)  
 6421.5 0255 FFL3 PTI S. Lys V-CQ mkr CW (Thompson-NM)  
 8453 0822 HWN Navy HQ Paris V mkr CW (Zimarowski-MA)  
 GERMANY, E.:4243.5m 0359 DHS U.D.P. Ruegen R. V mkr CW (Longacre-NY)  
 4525 2351 DIZ ASMW Nauen time tick CW (Yajko-PA)  
 HOLLAND: 4230 0337 PBC92 Navy Noordwijkerhout N13A CQ mkr CW(Longacre)  
 7742.5 2125 RN Kootwijk EE/PP feeder to Bonaire USB (Blaize)  
 IRELAND: 5533 2100 EIP Shannon VOLMET OM EE aero wx AM(Marable-ITALY)  
 ITALY: 8649.5 0420 ICB I.P.T. Genoa V mkr CW (Blaize-LA)  
 SPAIN: 5917.5 0520 AOK USN Moron AFB multical NUKO V mkr CW (Hall-CA)  
 7705 0413 AOK USN Moron AFB multical NUKO mkr CW (Watts-IN)  
 8618 0248 EDZ4 CTNE Aranjuez R. CQ mkr CW (Longacre-NY)  
 8682 0405 EAD3 CTNE Aranjuez R. CQ mkr CW (Blaize-LA)  
 U.S.S.R.:12160 1730 RGD25 Moscow R/T YL EE vm AM (Lobdell-MA)

\*\*\*\*\*

AFRICA

ALGERIA: 5519 0550 7IA Algiers Aeradio OM FF aero wx USB (Ireland-TN)  
 ASCENSION:8993 0752 AAF USAF OM EE clg "Shot 54" for AHF USB(Chabak-CO)  
 CAMEROON:9045.5 0016 TJF9ø INTEL CAM Douala YL FF/EE vm LSB (Longacre-NY)  
 CONGO: 6617 0116 Brazzaville VOLMET OM FF aero wx AM (Pecenka-IN)  
 EGYPT: 8959 0101 SUC Cairo Aeradio OM EE wkg Air France 1313(Compton)  
 LIBERIA: 7830 0240 KKN44 US Embassy Monrovia "KR267 de KKN44 ZBO O QSX"  
 mkr CW (Compton-MA)  
 9895 2330 5LF9 FC&R Monrovia YL EE/FF vm LSB (Ireland-TN)  
 REUNION:17065 1805 FUX French Navy La Possession tfc list CW(Longacre)

SENEGAL: 8998 0816 6WW French Navy Dakar V mkr CW (Zimarowski-MA) 1721  
(Bourne-OKINAWA)  
\*\*\*\*\*  
ASIA  
HONGKONG: 8903 1615 Hong Kong VOLMET OM EE aero wx AM (Link-CA)  
JAPAN: 5519 0812 JMA Tokyo VOLMET OM EE aero wx AM (Dawson-CA)  
6738 0922 AIF Yokota AFB patching Lark 68 to CP USB (Chabak-CO)  
8000 1745 JG2AE time tick AM (Link-CA)  
8903 0510 JMA Tokyo VOLMET OM EE aero wx AM (George-TX) (Jones-  
CA) 1711 (Link-CA)  
PHILIPPINES: 6505 0738 DZI Liberty Bcstg Manila CQ mkr CW (Trubee-HI)  
8568 0731 DZR RCA Manila CQ mkr CW (Dawson-CA)  
8588 1740 DZG Globe Mackay Las Piñas CQ mkr CW (Thompson-NM)  
SINGAPORE: 6680 1635 Singapore VOLMET OM EE aero wx AM (Link-CA)  
THAILAND: 6680 1610 Bangkok VOLMET OM EE aero wx AM (Link-CA)

\*\*\*\*\*

OCEANIA

AUSTRALIA: 6680 0825 VLS Sydney VOLMET OM EE aero wx AM (Jones-CA) (Link)  
7500 1129 VNG T/A Lyndhurst OM EE time sigs AM (Thompson-CA)  
8521 0553 VIS26 AOTC Sydney R. V mkr & tfc CW (Watts-IN)  
8975 0916 AXI RAAF Darwin OM EE wkg JCM & AXF USB (Chabak-CO)  
10017 1302 VLS Sydney VOLMET OM EE aero wx AM (Yajko-PA)  
12000 0530 VNG Telecom Australia Lyndhurst time AM (George-TX)  
17410 2055 VIS AOTC Sydney OM EE vm USB (Seiler-BC)  
HAWAII: 2683 0850 NRO7 USCG Kure Is. Loran OM EE wkg NRO4 USB (Chabak)  
5320 0834 NRO4 CG French Frigate Shoals wkg NRO USB (Chabak)  
6521.8 0306 NMO USCG Wahiawa OM EE clg CGC "Mallow" USB (Hobson)  
17620.5 2200 KVM7Ø Honolulu Aeradio OM EE tfc LSB (Dawson-CA)  
MARIANAS: 6738 0955 Andersen AFB AIE patching SWAN 19 to Monitor (Chabak)  
7581.5 0806 NRV2 Saipan Loran OM EE wkg NRV Guam USB (Chabak-CO)  
NEW ZEALAND: 8598.4 0430 ZLO Navy Iirangi ID mkr CW (Blaize-LA) (Dawson-CA)  
8997 0755 ZLK USN Christchurch OM EE wkg McMurdo USB (Chabak)  
11130 0843 ZLX22 Wellington Meteo CQ mkr CW (Dawson-CA)  
12740 0436 ZLB5 NZPO Awarua CQ mkr CW (Watts-IN)  
12943.5 0305 ZLP2 RNZN Iirangi V mkr CW (Thompson-NM)

\*\*\*\*\*

ANTARCTICA

8997 0757 NQU USN Siple Station OM EE wkg McMurdo USB (Chabak-CO)  
0902 NZCM USN Mac Ctr McMurdo ATC wkg XDØ2 USB (Chabak-CO)  
1001 NPX USN South Pole Station OM EE wkg McMurdo USB (Chabak)

\*\*\*\*\*

UNIDENTIFIED

4460a 0727 4MO Liberia. QTH? SIO333 12/3 V mkr CW (Watts-IN)  
6469a 0601 SBA24 SXA24 V mkr CW (Watts-IN) NATO? - Ed. 11/27  
6691a 0734 "NAS-CAM Z-SPECK" (phonetic) OM EE 5-counts w/ID every 10  
seconds, American accent USB (Chabak-CO) 11/24  
6801a 0845 "F" beacon CW (Chabak-CO) 11/7  
8678a 0750 LPJ Argentina V mkr CW LSB 11/24 (Dawson-CA)  
8758.5 0340 SS voice time sigs AM 11/29 (Dawson-CA) OM or YL, Arch?  
8809a 0001 KMY OM EE Natl Wx Svc fol by tfc list incl "Executive",  
"Royal Viking II" & "Santa Maria Orienta" AM (Compton-MA)  
9164.5 2216 IDO2Ø/24/26 CQ mkr CW. Italian military? (Longacre-NY)  
7825a 0445 Argentina ITC YL EE/PP vm SSB 11/19 (Brookwell-CA)  
10834a 0040 YL EE/FF "This is a voice terminal of the International  
Telecom Corporation of Argentina." SSB 11/17 (Ireland-TN)  
Same sta as 7825a? City? - Ed.  
12959a 1630 UPO CQ mkr CW (Chituck-MD)

\*\*\*\*\*

SHIPS

2678 0856 NODU CGC "Sedge" OM EE wkg NOJ Kodiak USB (Chabak-CO)  
2716 0820 CGNJ HMCS "Margaree" OM EE clg Halifax USB (Chabak-CO)  
4181a 0346 SWXL "Chian Island" cargo clg GKB CW (Compton-MA)  
5680 0918 KNCX MV "Chelsea" OM EE wkg NMF USB (Chabak-CO)  
6521.8 0027 WTEF "Rainier" NOAA vessel OM EE wkg NMC USB (Hobson-MI)  
4145 0216 5LYH "Arctic Sea" tanker tfc SSB (Chituck-MD)  
7581.5 0948 NODG CGC "Basswood" OM EE wkg NRV Guam USB (Chabak-CO)  
8281.2 2010 LGHP MV "Rhino" OM EE wkg MV "Hippo" cargo USB (Longacre-NY)

\*\*\*\*\*

AIRCRAFT

5610 0457 Jordanian 262 OM EE wkg NY ARINC USB (Longacre-NY)  
5696 1902 CG#1490 OM EE wkg Miami SSB (Blaize-LA)  
5680 0859 V3BZ "Navy P3 Orion OM EE wkg Lajes AFB USB (Chabak-CO)  
5696 0335 CG Rescue #1468 OM EE wkg NMN USB (Hobson-MI)

6738 0827 Lark 65 OM EE wkg McClellan AFB USB (Chabak-CO)  
 0828 Chine 21 OM EE wkg McCord CP thru McClellan USB (Chabak-CO)  
 6750 0335 Navy D1ZP wkg NY Oceanic Control via MacDill USB(Compton)  
 6750 0343 Rat 31 OM EE wkg MacDill AFB USB (Hobson-MI)  
 6756 2130 Coast Guard 01 (VIP) OM EE wkg Andrews AFB USB (Hobson-MI)  
 8875 2021 San Francisco Aeradio OM EE wkg Western 585 USB (Jones-CA)  
 8959 0107 Nigeria 519 OM EE wkg Khartoum Aeradio USB (Compton-MA)  
 0110 Galedonia 215 OM EE wkg n'Djamena Aeradio SSB (Compton-MA)  
 8997 0544 MAC 60191 OM EE wkg Christchurch Aeradio USB (Chabak-CO)  
 0814 Xray Delta 05 OM EE wkg MAC Ctr McMurdo USB (Chabak-CO)  
 0816 XD04 OM EE wkg South Pole Sta YL1 (NPX) USB (Chabak-CO)  
 0914 Kiwi 942 OM EE wkg Christchurch & McMurdo Ctr USB (Chabak)

\*\*\*\*\*

TACTICAL

4702 0811 LIBERTY LADY OM EE wkg NP600 USB (Chabak-CO)  
 4725 0740 ANALYTIC HOTEL OM EE wkg ANALYTIC USB (Chabak-CO)  
 2110 FAVORABLE OM EE wkg SKYKING SSB (Compton-MA)  
 6731 0807 APPLESAUCE OM EE wkg COCK 10 USB (Chabak-CO)  
 0127 FORFEIT OM EE wkg Aires 11 USB (Pecenka-IN)  
 6761 0135 ACCORDION OM EE wkg MATCH 25 USB (Pecenka-IL)  
 0746 EYELASH YL EE patching Doll 74 to LION CONTROL USB(Chabak)  
 9027 1709 SKYBIRD HAPPY 31R OM EE wkg DUCK CALL (Compton-MA) SSB  
 2048 "NORTHSKY test 12321. NORTHSKY test out." SSB (Compton-MA)

\*\*\*\*\*

"SPY" NUMBERS STATIONS

3100a 0230 YL SS 5-digit groups AM Nov. 14,17,24 (Stone-ONT)  
 4600a 0310 YL SS 4-digit groups AM 11/9/77 (Stone-ONT/11-27-77)  
 4670a 0323 YL SS 4-digit, 192 groups message repeated AM(Maghakian-NY)  
 5025a 0630 "Papa November" over bagpipe mm YL GG 5-digit SSB (Froom)  
 5845a 2140 YL GG 5-digit groups, 11/17 LSB (Hutchinson) /11-13-77  
 6470a 0625 YL SS 5-digit. "Final" @ 0627 AM (Angeloni-NY)  
 6745a 0611 "Atención 178 22" YL SS 5-digit 12/5/77 (Watts-IN)  
 6768a 0704 YL SS 5-digit. "Final Final" @ 0705 AM 12/3/77 (Watts-IN)  
 6777a 0620 YL SS 5-digit AM 12/4/77 (Watts-IN)  
 6790a 0718 "Atención 314 95" YL SS 5-digit AM 12/3/77 (Watts-IN)  
 6805a 0707 YL SS 5-digit AM 12/3/77 (Watts-IN)  
 7845a 0805 YL SS 5-digit AM 11/24/77 (Jones-CA)  
 7857a 0709 "Atención 341 17" YL SS 5-digit "Final" @ 0712 12/3(Watts)  
 7868a 0623 YL SS 5-digit "Atención 099 75" 0632\* 12/4/77 (Watts-IN)  
 7905a 0608 YL SS 5-digit AM 12/4/77 (Watts-IN)  
 9971a \*2305 Carrier into YL 5-digit GG1 AM 11/8/77 (Maghakian-NY)  
 14965a 2235 YL EE "117" off at 2240 AM (Elder-SASKATCHEWAN)

\*\*\*\*\*

RADIOTELETYPE

All logged by Dale Green-UT.

CANADA: 6329.5 0600 CFH CFS Halifax NS EE wx & into FAX 100wpm/850shift  
 CHINA: 7973 1450 BCP21 RY test 66/425  
 CZECH: 10125 1630 OLG3 Prague clg TAB7 Istanbul 66/425  
 JAPAN: 10690 1510 JAG20 KDD Osaka RY test, clg Khartoum 66/425  
 NEW ZEALAND:9780 0610 ZL027 Navy Irirangi EE tfc to CNK 100/425  
 PHILIPPINES:9305 1600 DZP22 ITT Manila Indian/EE tfc to Calcutta 66/425  
 PUERTO RICO:6885 0615 NAU USN San Juan EE clg ZRH 66/350  
 UNID: 7731 0215 D4B (Cape Verde Is.) RY test 66/850

\*\*\*\*\*

LONGWAVE

199 0316 "TUK" marine beacon Nantucket MA CW (Chituck-MD)  
 206 0220 "GNI" Grand Isle LA OM aero wx AM (Monjure-LA)  
 207 0716 "CL" MOT beacon Charlo NB Canada CW (Holbrook-MD)  
 219a 0205 "CLB" marine beacon Wilmington NC CW (Chituck-MD)  
 260a 0225 "CGB" marine beacon Cambridge MD CW (Chituck-MD)  
 245 0958 "YZE" MOT beacon Gore Bay ONT Canada CW (Holbrook-MD)  
 322 2003 "B" South Buffalo NY light, radnav beacon CW (Lcngacre-NY)  
 328 1346 "BZJ" FAA beacon Indiantown Gap PA CW (Holbrook-MD)  
 337.5 0855 "FU" beacon Funafuti Atoll Ellis Island CW (Trubee-HI)  
 365 0010 "ORE" aero beacon Orange MA CW (Davidonis-MA)  
 1039 "MNF" Mountain View MO airport beacon CW (Holbrook-MD)  
 375 0009 "ELM" Elmira NY aero beacon CW (Lcngacre-NY)  
 376 0255 "ZIN" beacon Great Inagua Bahamas CW (French-MD)  
 398 0915 "OT" aero beacon West Point New Zealand CW (Trubee-HI)  
 399 0245 "ZBB" beacon Eimini Bahamas CW (Chituck-MD)  
 424 0220 ELNJ SS "Good Hope" wkg MNM CW (Olsson-CT)  
 425 1930 6ZCL SS "Olympic Destiny" EE tfc to WSL CW (Olsson-CT)

# QSL REPORTS



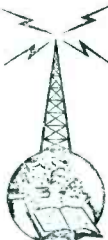

Editor: Bill Cleveland  
2441 Fairview Drive  
Visalia, Calif. 93277

Verified Countries -- 80

Deadline: 15th of month

Time to get on the 1978 merry-go-round and take another spin on the wheel of fortune. If January is any criterion, it is going to be a big year. 74 reporters this month, 10 reporting for the first time. A hearty welcome back to the old-timers and an equally hearty "welcome aboard" to the first-timers. This first month of the new year already shows more than half of the entire country total for last year. Let's go get 'em!

Mr. A.W. Peterson of AWR-Asia kindly sent me a sample copy of the QSL card for their DX Contest that ran from December 4-11, and which was announced in Keynotes of the Nov. SPEEDX. The card (reproduced below) was received on December 10. Reception here has been poor and I couldn't pick them up, but some of you may have been more fortunate. If so, this is the card that you will receive. (Of course, though the contest is over, you can still try for reception).

	<b>QSL</b>	<b>ADVENTIST WORLD RADIO</b>
		<b>IN ASIA</b>
		Box 15 Poona 411001 India
	Frequency .....	
	Power <b>SAMPLE</b> .....	
Location .....		
Date .....		
Time .....		
Dear AWR Listener, Thank you for your reception report which has been checked against our programme logs and is hereby verified as correct.		
..... <b>SAMPLE</b> Director		

So on with the show. As usual, reports are assumed to have been made in English unless specified to the contrary.

## Europe

- ALBANIA:** R. Peking Relay, 9780, date/fqy "Rose" cd in 14d air, no rp (FRASER MA)  
**AUSTRIA:** ORF, 9270, f/d contemporary Austrian Art cd "Lovers" in 42d air for 1 IRC (FRASER MA), same in 47d air, no rp (SNYDER NY)  
**BELGIUM:** ORJ, 6080, f/d blue globe cd in 31d air for 1 IRC (FRASER MA)  
**BULGARIA:** R. Sofia, 7100, date/time/mb cd "University of Sofia" in 65d air, no rp (BONNER OH); 9200, same cd in 95d air, no rp (LINDSEY NJ), f/d cd "View of Melnik" in 18d sfc, no rp (CABOS W. GER); 9205, f/d "Climent of Ohrid University" cd in 65d air, no rp (ELDER SASK), same in 16d air, no rp (FRASER MA), f/d "Nessebur" Bridge cd in 87d air, no rp (PAOLINI CT), f/d cd "Alexandre Nevsky Memorial Cathedral" in 66d air, no rp (PRATH FL)  
**CZECHOSLOVAKIA:** R. Prague, 5930, f/d blue/pink/white "Towers" cd in 58d air, no rp (FELTY OH); 7245, f/d "Gesky Krumlov" cd in 141d sfc, no rp (LINK CA), f/d "Lake Machovo" cd in 55d air, no rp (KOVAL NJ)  
**DENMARK:** R. Denmark, 15165, f/d "Radiohouse Aerial Tower" cd in 17d air for 2 IRCs (DONLY SC), same in 21d air, no rp (KOVAL NJ)  
**FINLAND:** R. Finland, 15105, f/d cd w/photo of Finnish flag in 46d air for 1 IRC (LINK CA), same, no time (SNYDER NY), f/d cd w/logo and "60 Years Independence Anniversary" in 24d air for 1 IRC (FRASER MA), same in 29d air, no rp (PAOLINI CT), same in 36d air, no rp (HOFFMAN PA)

...Tact is changing the subject without changing your mind...

**FRANCE:** R. France International, 15200, f/d cd "Couleurs et Lumiere de France" in 49d air, no rp (MILLER CA); 15300, f/d "Scenes of Paris" cd in 48d air, no rp (HALL CA), f/d cd "Saint Germain-des-Pres" in 39d air, no rp (MILLER CA); 15360, same cd in 32d air, no rp (MILLER CA); 17850, f/d cd "Centre International de Paris" + pennant in 90d air, no rp (STONE ONT)

**GERMANY (Democratic Republic):** RBI, 9665, 3 cds--"Decibel", "Chilean Solidarity" and "Painting" in 41d air, no rp (BROOKS CT); 21465, f/d cd w/pix of GDR Bldg in 71d air, no rp (BOURNE OKINAWA); 21540, f/d "Clock Tower" cd in 34d air, no rp (HEATH KY)

**GERMANY (Federal Republic):** Deutsche Welle, 5960, no data circles cd in 100d sfc, no rp (PEARSON OR); 6010, no data logo & circles cd in 139d air, 1 IRC (FRASER MA), no data, no desc. cd in 46d air, no rp (POOLE CA); 6075, no data circles cd in 40d air (FELTY OH), date only "Portrait of Mary Tudor" cd in 26d air, no rp (THOMPSON NM); 6100, no data, no desc. cd in 55d air, 1 IRC (CHITUCK MD); 9920, no data logo cd in 248d sfc (YOHANA NJ); 15135, no data circles cd in 50d air, no rp (DRUMHELLER PA); no fgy coloured cd in 90d air, no rp (WILLIAMS AUSTRALIA)  
Sender Frelies Berlin, 6190, date/fgy blue/green/orange map cd (below) in 63d sfc for 2 IRCs. Also sent book on SW listings of the world (DONLY SC)

**GREAT BRITAIN:** BBC, 9510, no data "Bridge" cd in 54d air, no rp (PEARSON OR)

VOA Relay, 9760, date only "Bi centennial Stamps" cd in 61d air, site indicated (FOWLER ONT)

**GREECE:** V. of Greece, 9760, f/d plain white cd in 18d air for 1 IRC (MELLINGER NJ)

**HOLLAND:** R. Nederland, 9895(?), "Producers of DX Jukebox" cd in 32d air (MARABLE ITALY); 9715, f/d "Antenna Towers" cd in 21d air, no rp (WILLIAMS AUSTRALIA); 11740, f/d cd of "Producers of DX Jukebox" in 29d air for 1 IRC (THOMPSON CA)

**HUNGARY:** R. Budapest, 9585, f/d yellow cd w/drawing of bridge in 32d air, no rp (SMITH FL); various fgys, spl RBSWC member's cd for 1977 rpts (COMPTON MA)

**ITALY:** RAI, 9575, f/d "Il Pescatore" cd in 180d air for 1 IRC (ONKEN IL)

**MALTA:** Deutsche Welle Relay, 6100, no data circles cd in 40d air (FELTY OH), same in 86d sfc for 1 IRC (THOMPSON NM)  
IBRA Radio, 5990, f/d yellow and black Malta map cd in 30d air for 1 IRC (LOBDELL MA)

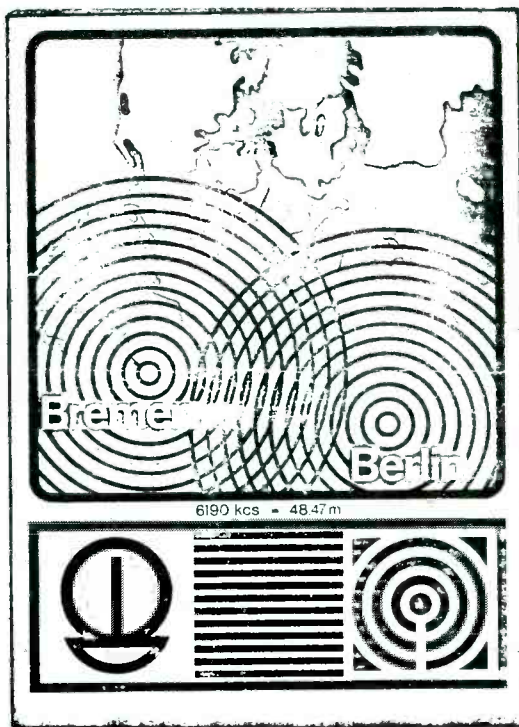
**NORWAY:** R. Norway, 15175, f/d cd "Jølstervatnet" in 53d sfc, no rp (ELDER SASK), same in 67d air, no rp (BAUM FL), f/d cd w/view of lake and mountains in 28d air, 1 IRC (PEARSON OR)

**PORTUGAL:** R. Portugal, 11935, f/d cd of camping site "Calvelhe Stream" in 22d air, no rp (BAUM FL), same cd, no time, 1 IRC, PP rpt (LINDSEY NJ), same cd in 23d air + pennant, no rp (BONNER OH); 17895, f/d cd "Parque de Campaino" in 25d air, no rp (SMITH FL)

**ROMANIA:** R. Bucharest, 5990, f/d cd of ski lift in 70d air, no rp (BAUM FL), f/d statue cd in 40d air for 1 IRC (PEARSON PA); 9570, f/d cable car cd in 72d air, no rp (DALUM IN) same in 110d sfc, no rp (LINDSEY NJ), f/d sculpture cd "C. Brâncusi--Miss Pogany" in 41d air, no rp (MILLER CA), same in 87d air, no rp (SNYDER NY); 11940, f/d cable car cd in 77d air, no rp (THOMPSON NM), same in 96d air (JOHNSON FL), same in 103d (PAOLINI CT)

**SPAIN:** RNE, 6065, 6140, 7155, 9630, 11775, 11880, f/d antenna cds in 23-34d air for no rp, rpts in EE xcpt Thompson and Smith in SS (THOMPSON NM)(SMITH FL)(YAJKO PA)(STONE ONT) (PRATH FL)(JOHNSON FL)(MONJURE LA)

**SWEDEN:** R. Sweden, 6065, f/d map cd, no time (DRUMHELLER PA); 6120, same in 21d for 1 IRC (POTACZEK IL), same in 31d for 2 IRCs (YAJKO PA); 9630, same in 21d (JOHNSON FL); 9695, same + pennant in 23d (MILLER CA); 11705, same in 15d for 1 IRC (THOMPSON CA), same in 25d + pennant (SEILER BC); 15120, f/d cd w/abstract design "The Northern Lights" in 28d sfc (MARABLE ITALY); 15305, map cd in 24d (BROOKS CT), same in 30d + pennant (BLAIZE LA), same in 32d (FELTY OH), f/d cd "Lennart Nilsson + Czechlaw Slania" in 31d air, no rp,





SWEDEN (continued): (PRATH FL). v/s Annette Beijer or Gunilla ????? (I received 7 different spellings of Gunilla's name--guess the only thing for her to do is change it, hi!). Brooks also had a picture of Annette affixed to his QSL. Let's see how the "Sage of Oakdale" weasels his way out of that with his wife!

SWITZERLAND: SBC, 6135, f/d cd of SBC building in Berne, 79d sfc for 1 IRC (THOMPSON NM); 9725, same cd in 80d, 1 IRC (THOMPSON NM); 11715, same in 93d sfc (YACONO NY); 15430, same in 74d sfc (SMITH FL); 17830, f/d cd, no desc in 14d air (MURPHY NY); 21520, SBC building cd in 51d sfc (SMITH FL)

USSR:

RFSFR: (Ed. note: fqys are as received in both MHz and Khz; spellings have been adjusted to agree with "Guide to Soviet Broadcasting". Please do not indicate sites unless indicated on your QSL cd).

R. Moscow, 7.20 (Moscow), 7250 (Moscow, Tula), 9610 (Khabarovsk), 9680 (Moscow), 11700 (Serpukhov), 12020 (Petropavlovsk-Kamchatsky), 12050, 15425 (Irkutsk). F/d cds in 27-50d air, no rp. Sixtieth Anniversary cd (BATSON KS --copy at right)(BEAUDOIN CT)(ANGELONI NY)(SMITH FL)(DRUMHELLER PA)(BAUM FL)(YAJKO PA), large building w/church in foreground (FRASER MA)(SMITH FL) logo cd w/4-faced clock (PRATH FL), winter scene w/birch trees (SMITH), no desc (BEAUDOIN CT)

R. Peace and Progress, 11835, f/d white cd w/2 red carnations in 39d air, no rp (SMITH FL); no fqy, f/d cd of stream bed and trees in 34d air, no rp (WILLIAM AUSTRALIA)

Ukrainian SSR: R. Kiev, 5920, f/d cd w/photo of Dnieper River, air, no time (DRUMHELLER PA); 7390, same cd in 55d (FELTY OH); 7150, f/d "Lybid Hotel" cd in 62d air, 1 IRC (PEARSON PA); 11860, f/d cd "Lesya Ukrainka Square" in 69d air, no rp (ELDER SASK)

R. Moscow, 7100 (Lvov), f/d 60th Anniversary cd in 36d air (FOWLER ONT)

Uzbek SSR: R. Tashkent, 9600, f/d cd of statue w/"Radio Tashkent QSL" in 31d air, no rp (DALUM IN)

VATICAN CITY STATE: Vatican Radio, 5995, f/d cd w/antenna and angel in 15d air, no rp (HOOK FL); 9605, f/d cd of xmtr room in 21d air for 1 IRC (LINSEY NJ); 9645, same in 21d air, no rp (ELDER SASK); 11845, f/d antenna farm cd in 33d air, no rp (JOHNSON FL); 21485, same cd in 25d air, no rp (SMITH FL), f/d cd w/pix of St. Peter's and antenna over Vatican in 57d sfc, no rp (SMITH FL)



Africa

BENIN (People's Rep.): LV de la Revolution Populaire, 4870, date/time logo cd w/5 designs in 65d air, no rp, EE/FF rpt (AMBRUSTER WI), same in 28d sfc, no rp, tri-lingual rpt fm, (GEORGE TX)

CAMEROON (Fed. Republic): R. Caroua, 5010, f/d personal ltr in 23d air, no rp, v/s Jim Achanyi-Fontem (WAKISAKA JAPAN), similar personal ltr in 42d air for 2 IRCs (HOFFMAN PA), same in 57d for 1 IRC (BEAUDOIN CT)

CHAD: Rdif. Nationale Tchadienne, 4904.5, f/d "Three Scenes" cd in 21d air for FF rpt and 1 IRC (ONKEN IL), same in 22d air for FF rpt and 2 IRCs (TRAUTSCHOLD WI)

EGYPT: R. Cairo, 9475, f/d cd w/bust of Nefertiti in 42d sfc, no rp, v/s "Rita" (KOVAL NJ) same in 105d air for 1 IRC (JECHEINTHAL IL)

IVORY COAST: RTVI, 4940, f/d logo cd in 28d air for FF rpt and 1 IRC (ONKEN IL); f/d map cd in 25d air for 2 IRCs, multi-lingual rpt form (KLEMENS NJ)

LIBERIA: VOA Relay, 6035, f/d "Bicentennial Stamps" cd in 7d sfc (MELLINGER NJ); 7195, same cd in 7d sfc (THOMPSON NM)

MALAGASY (Dem. Rep.): R. Nederland Relay, 11730, f/d "DX Jukebox Producers" cd in 17d air for 1 IRC (FELTY OH); 15220, same in 30d air for 2 IRCs (SOMERS CA)

MALAWI: MBC, 3380, f/d ltr w/skcd in 86d air, 1 IRC, v/s M.J.F. Chapuma (HOFFMAN PA)

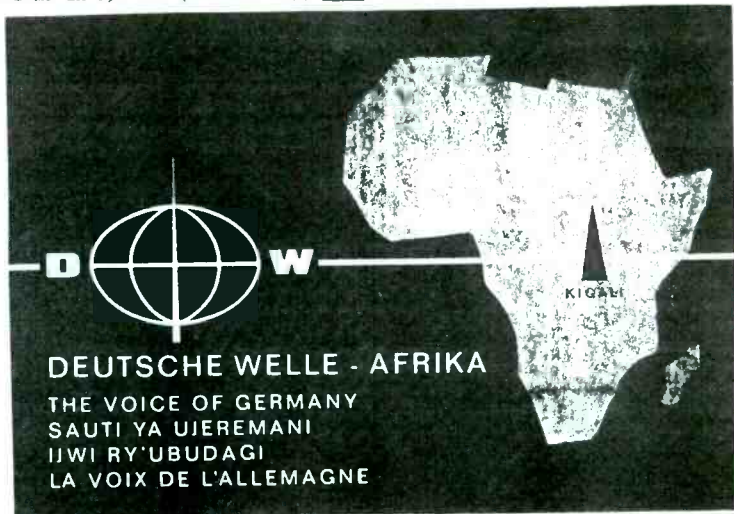
MOROCCO: VOA Relay, 7190, f/d "Bicentennial Stamps" cd in 14d sfc (STROH IL)

NIGERIA: NBC Ilorin, 7145, time/fqy form ltr in 185d for 1 IRC, v/s V.A. Kalejaiye (BEAUDOIN CT)

V. of Nigeria, 7275, f/d green/white logo cd in 1 mo air, no rp (LOBDELL MA); 11770, same cd in 37d sfc, no rp (MILLER CA); 15120, same cd in 131d sfc, no rp (HEATH KY)

RWANDA: Deutsche Welle Relay, 7225, f/d blue/yellow map cd + pennant in 88d air, no rp (FOWLER ONT), same in 89d air (BALDWIN NC); 2700, same in 19d air, no rp (DALUM IN)

Thanks to  
Mike  
Baldwin



SEYCHELLES: FEBA, 11785, f/d orange map cd in 23d air for 2 IRCs (HALL CA); 11800, same in 28d air for 3 IRCs (GEORGE TX)

SOMALIA (Dem. Rep.): R. Mogadishu, 9585, f/d Antenna Towers cd in 41d air, no rp (ZIMAROWSKI MA), same in 50d air for 3 IRCs (HOFFMAN PA), same in 103d air for 2 IRCs, multi-lingual rpt form (KLEMENS NJ)

SOUTH AFRICA: RSA, 7270, f/d cd "S. African Sunset" in 22d air, no rp (HALL CA); 9585, same in 18d air for 1 IRC (THOMPSON NM), same in 21d for 2 IRCs (YAJKO PA), same in 44d no rp (O'BRIEN BC), same, no time (DRUMHELLER PA), cd w/aerial view of Johannesburg + pennant in 21d air, no rp (PEARSON OR), f/d cd w/dusk pix of Rissik St. in Johannesburg, + pennant in 23d air, no rp (BLAIZE LA); 11900, f/d "Protea" cd in 24d air, no rp (PRATH FL), f/d cd "City Lights of Johannesburg" in 60d sfc (WILLIAMS AUSTRALIA), f/d cd "South African Sunset" in 23d air, no rp (KOVAL NJ), same in 17d air (MILLER CA), same in 16d air for 1 IRC (CHITUCK MD); no fqy, same cd in 20d air for 1 IRC (THOMPSON) SABC, 3955, f/d "Industries" cd in 15d air, no rp + pennant (WAKISAKA JAPAN); 4810, same cd in 17d air, no rp (DALUM IN)

SUDAN (Dem. Rep.): R. Omdurman, 11835, date only ltr in 150d air, no rp (CABOS W. GER.)

SWAZILAND: TWR, 17745, f/d warrior/antenna cd in 23d air, no rp, FF rpt (SNYDER NY)

TANZANIA: R. Tanzania, 15435, f/d yellow/fuchsia "Sauti ya Tanzania" cd in 5½ mo sfc for 1 IRC (STREVELEER HI)

TUNISIA: RTV Tunisienne, 7275, f/d "La Marsa: Cafe du Saf-Saf" cd in 24d air, no rp (ZIMAROWSKI MA); 15225, f/d cd of Arab woman and camel in 66d, 1 IRC (BEAUDOIN CT)

UGANDA (Republic): UBC, 15325, date/fqy personal ltr in 105d air, no rp, v/s David R. Buga (ZIMAROWSKI MA)

ZAIRE (Republic): LV du Zaire, 15245, fqy only ltr and sked in 130d sfc, no rp (CABOS W. GER)

#### Asia

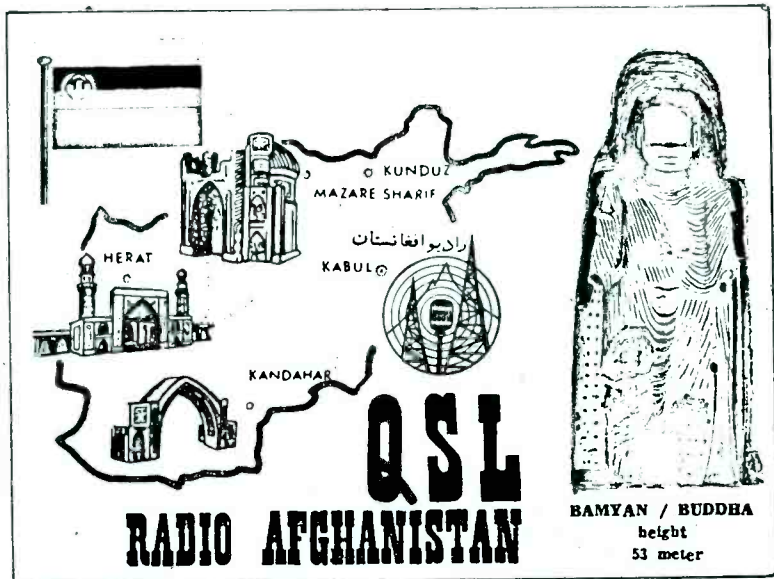
AFGHANISTAN: R. Afghanistan, 15365, f/d Buddha/map cd in 1½ mo air for 2 IRCs (LOBDELL)

BANGLADESH: R. Bangladesh, 15520, ochre f/d cd w/maroon RB logo in 70d air for 2 IRCs (KARCHESKI MA)

CHINA (People's Republic): R. Peking, 9780, date/fqy cd of railroad w/snow covered mts in 22d air (PRATH FL); 9860, cd w/trees, lumber, misty mts, no time (WATSON CA); 11650, date/fqy "After the Performance" cd + pennant in 25d air, no rp (WAKISAKA JAPAN); 15060, date/fqy cd of logging operation in 20d air, 1 IRC (SEILER BC), date/fqy blue logo cd w/white circles and gold pagoda in 16d air (O'BRIEN BC), same in 9d air for 1 IRC (CHITUCK MD); 15520, same cd in 21d air (HALL CA), date/fqy cd of young girl w/inflated giraffe in 16d air (SMITH FL); no fqy, cd w/ pix of China's countryside in 28d air (WILLIAMS AUSTRALIA)

...Success depends partly on whether people like you wherever you go or whenever you go.

Thanks to  
Bob  
Donly



- CHINA (Republic): VOFC, 17890, f/d cd "Wu Ping's Pomegranates" in 38d air for 1 IRC (FOWLER ONT), same cd + pennant in 32d air for 1 IRC (THOMPSON CA), f/d cd "Two Geese on a Snowy Bank" in 26d air for 2 IRCs (THOMPSON NM), same cd in 40d air, no rp (MILLER CA), same cd in 60d + pennant (BEAUDOIN CT)
- INDIA: AIR, 9912, f/d cd, no desc. in 320d air, no rp (CABOS W. GER)
- ISRAEL: IBA, 5900, f/d cd painting of Jerusalem in 47d air, no rp (KOVAL NJ); 7412, same cd in 69d air, no rp (PRATH FL); 9435, same cd in 80d air, no rp (SMITH FL); 9815, f/d cd w/drawing of Western Wall in 64d air, no rp (FOWLER ONT); 17815, same cd in 64d, no rp (BEAUDOIN CT)
- JAPAN: R. Japan, 5990, 9505, 9585, 15105, 15195, 15270. Date/fqy cds in 11-32d air, no rp. "Water lilies" (CLEVELAND CA)(MILLER CA)(SEILER BC)(LENTZ PA)(THOMPSON NM)(LINK CA) (LINDSEY NJ), "Hakata doll modelled after a girl dressed in kimono" (JOHNSON FL)(LINK CA) (LOBDELL MA)(FRASER MA)(PRATH FL), "Hakata Dolls" (PEARSON OR), "Fireworks at Lake Ashinoko" (PETERS KY)
- NSB, 9595, f/d antenna tower QSL in 88d, no rp (BEAUDOIN CT)
- KOREA (Democratic People's Rep.): R. Pyongyang, 9977, f/d cd w/scene from "Revolutionary Opera" + pennant in 41d air, no rp (AMBRUSTER WI)
- KUWAIT: R. Kuwait, 12085, f/d folder cd w/drawing of city, sun in background in 59d air, no rp (BAUM FL), same cd in 59d air, no rp (DALUM IN)
- PHILIPPINES: FEBC, 7225, f/d cd of hut on beach, 26d air for 2 IRCs, v/s Zenaida Visca (TRAUTSCHOLD WI), f/d cd w/photo of FEBC building in 48d air for 2 IRCs (THOMPSON NM); 9715, f/d cd of FEBC Staff in 35d air, 1 IRC (THOMPSON CA); 11855, f/d studio cd in 116d for no rp (ZIMAROWSKI MA); 17810, f/d cd of hut on beach in 29d for 1 IRC (BEAUDOIN CT)
- R. Veritas, 9605, f/d cd "The Bamboo Organ Philippines" in 37d air for 1 IRC (HOWARTH); 11955, f/d cd of Legaspi City at the foot of Mt Mayon in 35d air for 2 IRCs (FOWLER ONT), same in 19d air, no rp (MILLER CA), Bamboo organ Philippines cd in 38d air, no rp (MILLER CA), f/d cd w/scenes of the Philippines in 55d air for 3 IRCs (DONLY SC), same cd in 65d air for 3 IRCs (GRENIER CA), f/d cd "Greetings from the Philippines" in 34d air for 1 IRC (ZIMAROWSKI MA)
- VOA Relay, 6010, f/d "Bicentennial Stamps" cd in 6d (FRASER MA); 9630, same cd in 6d sfc (MILLER CA); 9760, same cd in 8d (CHITUCK MD), same cd in 9d (JOHNSON FL); 15290, same cd in 4d (MELLINGER NJ)
- VOP, 9580, f/d red/white/blue cd in 7 mo sfc, no rp (STREVELER HI)
- SARAWAK: R. Malaysia Sarawak, 5030, f/d cd of Broadcast House, Kuching in 20d air for 3 IRCs (DONLY SC)
- SAUDI ARABIA: BSKSA, 11855, f/d plain white cd + ltr in 4 mo registered air for 1 IRC (STREVELER HI)
- SINGAPORE: R. Singapore, 9635, f/d cd "Singapore by Night" in 43d air for 3 IRCs (DONLY)
- SRI LANKA: VOA Relay, 11245, f/d "Bicentennial Stamps" cd in 11d (ZIMAROWSKI MA)
- SYRIA: R. Damascus, f/d globe cd + ltr and pennant in 4 mo registered sfc for 1 IRC (WICKETT MD)

...Old teachers never die; they just lose their class...

TURKEY: V. of Turkey, 9515, f/d cd "Ideal Matbaasi" + pennant in 24d air, no rp (PRATH)  
f/d cd "The Sultanahmet Mosque" + pennant in 33d air for 2 IRCs (JECHENTHAL IL), same  
in 50d air, no rp (SNYDER NY); 11880, same in 29d air, no rp (KOVAL NJ)

*Oceania*

AUSTRALIA: ABC Sydney, 6090, f/d blue/black map cd in 17d air, no rp (BEAUDOIN CT)  
ABC Perth, 9610, f/d Western Australia map cd in 14d air, 1 IRC (MELLINGER NJ)  
R. Australia, 9515, 9580, 15240, 15320, 15355, 17795. F/d cds in 15-140d for 1 IRC,  
81-210d for no rp. "Scarlet-crested Parakeet" (THOMPSON NM)(MAGHAKIAN NY)(O'BRIEN BC)  
(SEILER BC), "White flowering Mallee Gum" (FRASER MA)(CHITUCK MD)(MILLER CA), "Sturt Pea"  
(WILLIS PA), "Common Fringe Lily" (THOMPSON NM)(HALL CA)(O'BRIEN BC)(MILLER CA), "Blue  
Wren" (MILLER CA), "Pink Rose Cone" (MILLER CA)  
GUAM: TWR, 9640, f/d antenna/Bible cd in 25d for MS (ZIMAROWSKI MA), same in 18d air, no  
rp (LEISTNER CA), same in 27d for 1 IRC (BEAUDOIN CT); 11780, same in 38d air for 1 IRC,  
JJ rpt (ISHIZAKI JAPAN); 15115, same in 32d for 1 IRC (FOWLER ONT)  
NEW CALEDONIA: R. Noumea, 7170, f/d map cd w/FR3 emblem in 33d air for 1 IRC (HOFFMAN PA);  
11710, same cd in 24d for 3 IRCs (DONLY SC)  
NEW ZEALAND: RNZ, 6105, f/d cd of sheep in pasture, 25d air for 1 IRC (THOMPSON CA);  
15130, f/d cd w/cable car in 25d air for 1 IRC (THOMPSON CA), same in 34d air for 1 IRC  
(SMITH FL), f/d "hot springs" cd in 17d air for 3 IRCs (STROH IL), f/d mountain scene  
cd in 32d air for 1 IRC (FELTY OH)  
PAPUA NEW GUINEA: NBC Pt. Moresby, 4890, f/d yellow/white map cd + pennant in 18d air  
for 1 IRC (THOMPSON CA), same cd in 23d air for 1 IRC (MELLINGER NJ)



## MEMORANDUM

San Cristóbal, 26 de Julio de 1977

Sr.

Hank Lentz  
26 Pheasant Run Dr  
Export Pennsylvania 15632  
U.S.A.

Muy estimado amigo:

Acusamos recibo de su atento reportaje de

fecha 20 de Julio

- Datos Excelentes -

el cual hemos encontrado conforme.

Mucho agradecemos su amabilidad por sin-  
tonizarnos y reportarnos.

Al confirmarle su recepción, nos es grato  
suscribimos de Ud.

Muy atentamente,

Emisora "ECOS DEL TORBES"

p. G. González Llovera  
Director

YVOC 780 K/cs. YVOD 4.980 K/cs. 6.190 K/cs.

South America

ARGENTINA: R. El Mundo, 6120, fgy/date blue/black microphone cd in 55d for 1 IRC, SS/EE rpt (BEAUDOIN CT)  
 LOL (time and fgy), 15000, date/fgy SS/EE stn info cd in 57d air, no rp, SS rpt (PAOLINI)  
BRAZIL: R. Cultura do Para, 5045, fgy only ltr w/veri statement in 55d air for MS and PP rpt (HOFFMAN PA)  
 R. Nacional, 15245, f/d plain white cd in 27d air, no rp (KOVAL NJ)  
COLOMBIA: La Voz de la Selva, 6170, no data cd + f/d ltr w/veri statement in 15d air for 2 IRCs and SS rpt, v/s Eduardo Bahamon Horta (Dpto. de Correspondencia) (TRAUTSCHOLD WI)  
ECUADOR: R. Zaracay, 3390, ltr w/fgy and veri statement + pennant in 69d air, no rp, EE/SS rpt form (HOFFMAN PA), date/fgy ltr + pennant in 35d air for 2 IRCs (SOMERS CA)  
 HCJB, 6160, 9560, 9715, 11915, 15115, 15300, 15310, 15375, 17755, 17865, 17890. F/d cds in 21-52d for no rp, 24d for 1 IRC or MS, 29d for 2 IRCs. "Galapagos Cactus" (THOMPSON)  
 "Diesel Generator" (THOMPSON CA), "Tuning Team at 100 KW Transmitter" (JOHNSON FL), "Antenna Raising" (LOBDELL MA), "HCJB Newsmen in Action" (LINK CA), "Woodcarving in Ecuador nos. 1 & 2 (LINK CA), "Call of the Andes Production" (LOBDELL MA), "Hydroelectric Power" (LOBDELL MA), "TV Xmr overlooking Coca" (LOBDELL MA), "Antenna Switching Unit" (LINK CA)(LOBDELL MA)(O'BRIEN BC)(SEILER BC)(SMITH FL)(YAKO PA), "Power Plant at Papallacta" (FOWLER ONT)(HALLBERG IL)(LOBDELL MA)(DRUMHELLER PA)(THOMPSON NM)(SMITH FL)(GRENIER CA)(JOHNSON FL)(FRASER MA)(YAKO PA)(MILLER CA)  
URUGUAY: R. El Espectador, 11835, f/d "Difusoras del Uruguay logo cd in 34d air for 1 IRC and SS rpt (HEATH KY)  
VENEZUELA: Ecos del Torbes, 4980, date only form ltr in 35d (see previous page) sfc for SS rpt, no rp (LENTZ PA), same in 33d air for 1 IRC, SS rpt (HEATH KY)  
 R. Barquisimeto, 4990, date/fgy network cd in 49d air for 2 IRCs, SS rpt (TRAUTSCHOLD), same cd in 36d sfc for 1 IRC, SS rpt (HEATH KY)  
 R. Nacional, 15400, date/fgy ltr + f/d "Santa Maria--Parque del Este" cd in 60d air for no rp (CABOS W. GER), f/d ltr and church photo cd in 119d, no rp (BALDWIN NC)

North America

ANTIGUA: BBC Relay, 9765, "usual" no data cd in 3 wks, no rp (WICKETT MD); 15420, no data Tower Bridge cd in 16d (JOHNSON FL)  
 Deutsche Welle Relay, 5960, no data circles cd in 2 mo, no rp (WICKETT MD); 6040/6085, same in 40d air (FELTY OH)  
BELIZE: R. Belize, 3285, date/fgy map cd in 25d air for 1 IRC (HOFFMAN PA), same in 43d air for 1 IRC (GEORGE TX)  
CANADA: CFRX, 6070, date/fgy cd of L. Ontario and Toronto sky line in 9d sfc for 1 IRC (LINDSEY NJ), lake w/marine mobile unit in 21d air (BALDWIN NC)  
 CHNX Halifax, 6130, fgy only plain white cd in 17d air, 1 IRC (FRASER MA)  
 CHU (time and fgy), 3390, date/fgy "Sir Sanford Fleming cd in 32d air, 1 IRC (CHITUCK)  
 RCI, 11855, "CTS do-it-yourself" cd in 45d sfc, no rp, FF rpt (JOHNSON FL); 5960, same cd in 31d, no rp (HOFFMAN PA)  
CUBA: R. Havana, 9685, f/d geometric designs cd in 87d air, no rp (FOWLER ONT), f/d red/orange logo cd in 120d sfc, no rp (KOVAL NJ), f/d logo cd w/blue & red squares in 163d air, no rp (LINK CA); 11725, red/orange logo cd in 35d air, no rp (PEARSON OR); 17750, f/d cd w/red & black round checkered design in 60d air (FRASER MA); 17885, f/d multi-colored cd in SS in 76d sfc, no rp (SMITH FL)  
DOMINICAN REPUBLIC: R. Mil, 4930, date/time/mb personal ltr in 23d air for 1 IRC and SS rpt (HEATH KY)  
GUATEMALA: R. Cultural, 3300, f/d "Quetzal" cd in 27d air for 1 IRC (POOLE CA); 5955, no data ltr from Oscar Lopez, Personnel Manager in 30d air, 1 IRC (JOHNSON FL)  
MONTSERRAT: Deutsche Welle Relay, 9590, no data cd in 46d, no rp (POOLE GA)  
NETHERLANDS ANTILLES: R. Nederland Relay, 6165, f/d "Happy Station 'Towers'" cd in 35d air, no rp (BLAIZE LA), f/d cd "DX Jukebox Host" in 30d air for 1 IRC (CHITUCK MD); 9590, f/d cd of "DX Program Producers" in 10d air (FOWLER ONT); 9715, f/d cd "Dx Program MC's" in 14d air (SMITH FL); 17810, f/d "DX program producers" cd in 17d air, no rp (BATSON KS)  
UNITED STATES: VOA, 6130, 11730, 15290, 17710. f/d "Bicentennial Stamps" cd in 7-159d sfc (PRATH FL)(CHITUCK MD)(WILLIAMS AUSTRALIA), f/d "Capitol" cd in 17d (PRATH FL)  
 WINB, 17720, f/d white logo cd in 6d sfc for MS (BAUM FL), same in 32d sfc for no rp (DRUMHELLER PA)  
 WWV (time and fgy), 10000, f/d Indian cd in 34d air for MS (returned) (CHITUCK MD)  
 WYFR, 6155, f/d cd w/WYFR across abstract buildings in 13d air, no rp, SS rpt (JOHNSON), same in 30d sfc (STONE ONT); 17875, same in 25d sfc (SEILER BC); 21525, same in 16d sfc (GRENIER CA)

Guess that about wraps it up for another month. Satoshi Wakisaka was the only one to come up with last months language -- Korean. It said "Do your Christmas Shopping Early". I told you it was appropriate. Try this one on PIACERE MOUVE AL DIETRO DEL OMNIBUS your piano. I received quite a few reports this month that should have gone to Ken Compton--remember, I can accept only SW broadcast rpts. Utes go to Ken and MW rpts to some other journal. CU in 30. 73's B.II 12/16/77

# Tips and Topics

The Feature Section of SPEEDX

EDITOR: ARTHUR S. GETZEL - 70-29 KISSENA BLVD - FLUSHING - NY 11367

(EDITED THIS MONTH BY CHRISTIAN P. HANSEN OF YONKERS, NEW YORK)

BAD, BADDER, BADDEST -- HOW BOSTON GOT THE BAD GUYS

By: John A. Callarman

I was one of the semi-original BAD Guys in Boston ... but only one or two of the present group with that collective handle could possibly associate me with that group. In the interest of connecting the present with its roots in the past, here's how the BAD-Guys got their name.

Back in 1967, a bunch of medium-wave DXers in Boston -- including Gordon Nelson, Phil Sullivan, Tom Holmes, Randy Kane, Bob Karchevski, and myself -- took over the publishing of the National Radio Club bulletin.

About that time, a number of members of the NRC and the other all-BCB club, the International Radio Club of America, in the San Francisco - Oakland area, called themselves the Bay Area DX'ers -- B.A.D.

In April of 1968, we NRC people published a four-page April Fool's insert in the NRC publication *DX News*. We called it BAD NEWS, published by the Boston Area DX'ers -- BAD -- a direct theft from the Bay Area DXers!!!

Over the Labor Day weekend in 1968, the Boston Group hosted the National Radio Club convention. Karchevski was placed in charge of name tags, and he came up with a special tag for each of the host committee members. "I'm a Bad Guy" -- read the name tags, and it was there the name was born.

Mike Macken was a fledgling ECB and SWBC DX'er back in those days, and he helped publish the NRC bulletin and host the NRC convention. Chris Lobdell joined NRC shortly before the convention, and had a BAD GUY name tag, too.

BAD became so well associated with the Boston Area DXers that the San-Francisco - Oakland DX'ers felt constrained to come up with a new name for their group... hence the Bay Area Radio Freaks -- or BARF.

Ironically, Karchevski, the guy who penned the "Bad Guys" monicker, moved to the San Francisco - San Jose area and is now a BARF in good standing.

The BAD GUYS have grown to be one of the forerunners of the movement toward local DX get-together oriented groups, and that is one of the most promising developments in the DX hobby in the late 70's. I'm proud to have been on the fringes of the roots.

))))))))))))))))))))))))))))))))))){)))))))))))))))))))))))))))))))))))))))))))))

VOA UPDATER

by Adrian M. Peterson

As a result of the publication of the "History of VOA", several DXers have written stating their appreciation of the project. Some, too, have supplied additional items of information of which I was unaware at the time. Many of these new items are useful in filling out further the fascinating story of the Voice of America.

I am planning to produce a one-page updater to the "History of the VOA", but before I do, allow me to make a request. If you know of any relevant information not included in the published "History of the VOA", please be so kind as to

(continued)

communicate with me at:

ADVENTIST WORLD RADIO  
IN ASIA

AWR-Asia  
Box 15  
Poona, 411001, INDIA



Thank you in advance for your cooperation. *Adrian M. Peterson*

)))))

ON THE CORRECT USAGE OF LETTER SYMBOLS FOR THE  
PREFIXES REPRESENTING MULTIPLES AND SUBMULTIPLES OF SI UNITS

by Robert H. French

I have noticed that many, many people have been rather sloppy in using the correct symbols for multiples and submultiples of SI units -- in particular the symbols for "kilohertz" and "megahertz". This is not restricted to SPEEDX and other DX clubs -- it also occurs in technical publications.

The prefixes for use with units in the Systeme Internationale d'Unites (the modern version of the metric system) are the following:

Prefix	Letter Symbol	Multiplies basic unit by:
Exa	E	1,000,000,000,000,000,000
Peta	P	1,000,000,000,000,000
Tera	T	1,000,000,000,000
Giga	G	1,000,000,000
Mega	M	1,000,000
Kilo	k	1,000
Deka (deca)	da	10
Centi	c	0.01
Milli	m	0.001
Micro	$\mu$	0.0000001
Nano	n	0.000000001
Pico	p	0.000000000001
Femto	f	0.000000000000001
Atto	a	0.00000000000000001

Note in particular the distinction which must be made between upper case and lower case letter symbols to distinguish Peta (P) from Pico (p), and Mega (M) from Milli (m).

Another point to note is that the symbol for the Kelvin, the unit of thermodynamic temperature, is K, which must be distinguished from the symbol for the prefix "kilo-", which is k.

Thus, if you write "KHz", you are measuring some strange quantity in "Kelvin-Hertz", temperature times frequency! The symbol for kilohertz is "kHz". And, if you write "mHz", you are talking "millihertz" -- or one cycle every 1000 seconds! The radio frequencies we listen to are in megahertz -- symbol "MHz".

Other points of confusion are Watts (symbol W) and kilowatts (symbol kW) which are used to measure the power output of the transmitters.

)))))

BBC BRINGS OUT A NEW FORMAT FOR THEIR "LONDON CALLING"

by Roger Peterson

The BBC monthly program guide which costs \$10 a year for a subscription, has been greatly modified as of the November 1977 issue. The biggest change is in size. The page size has been greatly enlarged so that it is now a full 8 1/2 x 11 1/2 inches. This has allowed them to increase the type size. Also, they have added lots of color. Perhaps the greatest improvement is in the Frequency Charts, which tell you at a glance, in graph form, what frequency to tune to at any particular time. The increased size makes these very easy to use.

For those of you who listen to BBC, this program guide is well worth the \$10 per (continued)

year. Each month it previews all their special programs a month in advance. If you're a jazz fan, for example, you'll make back the ten dollars by taping programs that would cost that much in pre-recorded tapes or records. The big thing is that London Calling alerts you to programs you wouldn't want to miss.

If you want some previewing for "free", tune into BBC's "Don't Miss" on Nov. 25th at 1415, repeated 26th at 2315, and on the 27th at 0515 and 2015. You'll get a preview of December shows.

)))))))))

### A TIP ON STORING QSL CARDS

By Cedric J. Cawthorne

After having had a very unsatisfactory method of storing QSL cards for some time, I have at last found a method which I think is a great improvement and may be of interest to others.

Whilst searching about in a large stationer's store, quite by accident I came across a "First Day Cover Album", intended for use by philatelists, but it is ideal for storing QSL cards. It contains fifty transparent plastic envelopes each with a sheet of black card inside. The envelopes measure 5 by 9 inches, and are, therefore, quite big enough to house almost every type of QSL card. Two cards to each envelope — 100 QSL cards to each folder.

I have asked several friends, and since none had heard of this idea before, perhaps it may be of interest to SPEEDXers.

Incidentally — I also collect picture post cards, so if anyone else does and would like a picture of West Kirby, then just send me a picture of your home town and I will send you one of mine. My address is "40 Westbourne Rd., West Kirby, Wirral, ENGLAND"

)))))))))

### REQUIREMENTS FOR QSLING

by Barry L. Travis

I, like many other DXers, have many times wondered when writing QSL reports, what exactly is expected from us listeners to insure a card. This idea bounced around in my mind for quite a while until I finally decided to try and find out. I wrote five letters to five shortwave stations, and was most confused as to what I received.

My problem, you see, is that I finally scraped up enough cash to afford the one item that I thought would solve all the little problems... a tape recorder. Well, it didn't, as I found myself writing more and more all the time, since it was all there on tape — all the details missed if taking them down directly off the air. This tape recorder really does make writing letters easy, but it also makes them very dry and impersonal, as you end up with page after page of times and items talked about.

Here are a few of the replies I received from stations about what they require to confirm a report:

1. BBC - They were most interested in my letter, and probably didn't know exactly how to answer it. They mentioned the standard items: date, time, frequency, SINPO, and whether the frequency was being disturbed greatly by another station, and, if so, what station...but they didn't seem to be interested in receiving a listing of every single item talked about — they mentioned that a brief summary would be more than sufficient for a card.
2. Israel - They were a little more interested than the BBC, and they sent a reception report letter (aerogramme) which could be filled out in fine detail. They also have a column which is titled "J"; this is to be filled in if the transmission is jammed. They seem to feel that the more details the better, and whatever you write will be most happily received.

(continued)





Mr. Peter J. Ognibene reports that "for reasons which scientists cannot fully explain, periods of extensive drought are linked to changes in the number of sunspots, which varies over a similar 20-year period.

Mitchell agrees, and states "it's a rhythm -- like breathing. The drought cycle is related to the solar cycle." He explains further: "The highest risk of drought tends to follow very shortly after a sunspot minimum, and last year was a sunspot minimum. It means that, for the time being, we are in the highest-risk portion of the 20-year drought cycle."

Further research is being conducted in order to learn the secrets of our atmosphere. These studies will undoubtedly uncover further valuable information and perhaps shed light (on an already bright subject) that affects shortwave listening.

)))))))))

SHORTWAVE MUSIC - A WORLD OF DIFFERENCE

by Barry Frajer

Are you getting a little tired of hearing the same old rock group? Is disco music becoming a monotonous bore (shake, shake, shake; shake, shake, shake, yawn)? Too many commercials on that jazz station? Consider importing your music!

With that shortwave receiver you already have, you could be hearing sensuous, exotic melodies from a tropical island, the hauntingly beautiful strains of Inca flutes from the Andes, cool cool mambas, sambas, marimbas (and all sorts of other -bas) from way way down south; black tunes from Africa, which are entirely different from American soul sounds; East-Asian music, which is totally unlike what is heard here; as well as the latest hits in such languages as Hungarian, Turkish, Dutch, and Hebrew. At virtually any hour during the day, you can receive interesting beautiful music from some distant land. Despite the obvious limitations of audio quality, due to constantly changing propagation conditions, the sound is often as good as many of the weaker AM outlets in your area. A relatively unselective receiver will often provide a better tone than a sharp one.

The main difficulty in listening to this music is knowing when to listen to what frequency. This problem exists, of course, whenever you are trying to receive a certain type of shortwave program, such as a news or DX show. This article will point out a few music programs which I feel are worth listening to. This list is naturally selective. It would take many more pages to list them all. The main criteria used in this list are that the music has to sound quite different from what is heard here on local stations, and generally comes through well on a set of decent quality. There are many other programs which meet these conditions; this list is only a sampling.

In the morning, the lively music of Cuba ought to help keep you awake while eating breakfast. Radio Havana's Spanish service starts at 1100 (all times used are GMT), and except for a few minutes of propaganda every half hour, plays a lot of great stuff. For a slightly more subdued Latin sound you can tune to Radio Mexico on 9705 kHz, which is also on all morning. They have very little talk to interrupt. On a weekend or holiday, when you may get up later, Radiodiffusion Portugal may turn you on with its own style of music, which sounds like a blend of Latin and Castilian rhythms. Look for this on 21700 kHz after 1400 GMT. Israel's Hebrew easy listening music comes in on 15545 kHz during the morning hours. Listen about 10 minutes after the hour unless you want the news in Hebrew.

If you are home during the afternoon, the music keeps on coming hot and heavy from Kuwait, on 12085 kHz., after 1700 GMT. Though much of their music consists of American rock, they mix in many European hits, and Arab tunes. The announcers have many interesting comments on the stuff they play. The Voice of America has a very good jazz show at 1615 GMT, which comes through best on 9760 kHz. France is on during the early afternoon on so many frequencies that you can find it by spinning the dial, especially in the 19 meter band; 15155 kHz is one of the best spots. They do have a lot of talk, especially around the top of the hour, but the possible wait for music is worthwhile if you like good singing voices. The zillions of Soviet frequencies also provide fine listening and superb voices. I personally find Russian music among the most relaxing and pleasant to listen to.

In the mood for really different sounds? All India Radio's chanting tunes come in (continued)

well during the late afternoon on 9912 kHz. The same for Egypt, which plays music during its Arabic transmission from 1500-2000 GMT, on 17745 kHz.

At night most of the music programs tend to be briefer, with the exception of the domestic services on the tropical bands. West Germany, after 0400 GMT on 6080 kHz offers German pop tunes. Spain has flamengos on during much of their Spanish language programming from 0100 - 0500 GMT, on 9360 kHz. Switzerland plays yodelling tunes on 3995 kHz at 0645 GMT, Albania's Home Service (no propaganda!) is on after 0330 GMT on 5050 kHz. Cuba blasts in after 0300 GMT on 9550 kHz. Music from the African country of Togo, on from 0530 - 0800, at 5047 kHz and Benin, which broadcasts on 4870 kHz after 0515 GMT, provide exotic tunes. Tahiti's music, heard throughout the night, on 11825 kHz, is unique and provides a fine background for reading.

There are hundreds of tropical band stations from South and Central America which spend most of their time transmitting lively Latin rhythms. Among my favorites are Radio Nacional Espejo (Ecuador) 4680 kHz, Radio Brasil Central, on 4985 kHz, Radio Atlantida (Peru) on 4790 kHz, and Radio Colosal (Colombia) on 4985 kHz.

The station listings given above are intended only to help you get started in this branch of our hobby. As your tastes are, no doubt, different from mine, you can set yourself a goal of finding more enjoyable music programs than the ones listed here. Happy hunting!!

)))))))))

REMEMBER...?

By William Arnold

Remember your first SW receiver, the one that you were so proud of? All of us remember at least one receiver. I remember mine, a Hallicrafters S-38D. It was given to me by my uncle in 1975, in unworking order. Since I did not then know anything about electronics, I took the receiver to my friend, whose father is an electrician. The only problem, he found, was a couple of burned-out tubes. Three tubes cost me \$26.00! (What a rip-off!) I soon found out, to my sorrow, that they would only have cost me \$16 from Radio Shack.

When I got the rig home I plugged it right in. I set it to the BCB. I heard several strong BCB stations, and then heard some hard-to-get stations that I had never heard before. So, I quickly switched the band selector to a SW band (1.7 - 5.0 MHz). I turned the knob desperately trying to get a foreign station. To my surprise, NOTHING! I told my father that it didn't work, and he told me that it needed an antenna. So, early the next day I got to work on making an antenna for myself. I looked in the garage for some wire and found some solid iron wire, about 10 gauge. I strung it across the roof letting it ground to almost everything in my haste. I finished at noon, came into my shack, and hooked it up to the receiver. Presto! Radio Japan coming in at 1800 GMT on 9505 kHz (This was a surprise, as then I did not know anything about frequency settings, QSL's, DXers, or propagation conditions). I was just like a baby playing with a toy.

However, just like a baby, I began learning about the radio, and progressing in DXing. Later that night, 0500 GMT, I picked up Radio Nederland on 6155 kHz. They gave their address at the end of their program. I got it down, and wrote the letter. I got a reply three months later; a letter half torn in my mailbox. I did not get a QSL form/card because I had not sent the correct information. It was a folder card of the Radio Nederland staff, with Christmas greetings.

About that time I gave up on SWing and returned to medium wave listening. However, one day in July of 1976 I turned to a SW band, and heard HCJB and the SPEEDX report. They gave an announcement concerning a special QSL for July, available only from SPEEDX. I sent for one, but again did not receive it since I knew nothing about making out a reception report. Don Johnson sent me a letter explaining why I had not received a QSL, and also included a brief outline explaining how to submit a reception report. I sent in another report, and, like magic, I got my first QSL ever.

I have continued to improve my rig and antenna, and have gathered enough information to get into electronics — I have now completed my first year of electronics in high school. I've also built two or three SW receivers from kits. See what this fantastic hobby will do for you if you have SPEEDX to help you?

## DIRECT DIGITAL READOUT

The Old Radio Shop  
GRANT MANNING

SOME THOUGHTS ON RECEIVER ELECTRONIC  
FREQUENCY READOUT.....FOR THE NOVICE

EVERYONE should have a radio that can be accurately tuned to within a kilohertz or so! All who have used a digital frequency readout, even briefly, will agree with that. Or those who have high priced gear capable of 1 kHz accuracy. Now there are a variety of units available to upgrade a medium or modest priced receiver. However, there are a few problems associated with hooking up a frequency counter to your favorite radio that you should be aware of.

RESOLUTION - "the act of resolving something". Just how close do you want to read freqs? A readout of 1 kHz requires the receiver to be able to determine which station you are tuned to within 1 kHz before you measure it! If you tune onto a strong SW signal, and are using the "peak the S-meter" method of being "on frequency", you probably won't be close enough to be within 1 kHz unless you have a good sharp IF bandpass.

Most readout schemes measure the "LO" (Local Oscillator) or "VFO" (Variable Frequency Oscillator) frequency and then add or subtract the output of these with a local crystal oscillator to glean the correct frequency.

If we hang a counter (a counter "counts" frequencies and displays the frequency digitally on a visible readout) on the VFO of, say the FRG-7, you read the VFO frequency, which changes as you tune the set. It would count from 3455 to 2455 kHz as you tune from zero to 1000 on the dial. So, if you were on 100, you'd read 3355 on the counter. Accurate except somewhat tacky and difficult to read. Impossible for those of us that can't add and subtract!

Why if you have a different receiver, like the DX-160? They are "single conversion" radios, and their LO is 455 kHz above their received frequency. If you were tuned to a station on 1000 kHz, the LO would be at 1455 kHz, which, if measured, would accurately display 1455 kHz. Subtract 455 kHz IF frequency and you are in business. That is, until the last band. On band 4, they change the LO to work below the received frequency, so now you have to add. WWV on 15,000 MHz would be read 14,545. Not very convenient on the 19 meter band. So far we have examined a few possible problems and can see that it is not all that simple.

Another method of measuring frequencies is to use an external RF oscillator & counter. Measurement this way works fairly well to within 500 Hz or so (depending on the equipment) but takes an additional step. You tune your DX-160 to CHU on 3330 kHz. Then with the counter connected to read the output frequency of the RF generator, and enough antenna (a foot or so of wire) to radiate into the DX-160, you slowly tune the generator and "zero beat" it to your receiver. This will then read your frequency.

The problem with the display units is one of having the DXer correctly locate & extract the VFO signal so that it can be counted. On any external output of a LO or VFO there should be some sort of "buffer" circuit which "isolates" the output of the VFO or LO. Without a buffer circuit you stand the chance of "pulling" the LO (changing its frequency by loading it with external equipment) or introducing external noise into the receiver at this point. Any equipment noise introduced by not "buffering" the VFO or LO output will ride right on through the IF and show up as hash, or other undesirable noise in your speaker. Another problem encountered if you don't "buffer" the VFO or LO output is the coax used to bring the signal out. It has enough capacity to possibly decrease the VFO or LO output, or kill it entirely.

In the case of the DX-160 for \$169.95, they don't even give you selectivity specifications. However DX-160 owners will readily admit that the IF response is broader than the proverbial "barn door". This isn't really a problem until you count it, then you realize that even though the S-meter has long since pegged, you still are not "right on" frequency. Inexpensive ceramic filters do not always end up "right on" their specific frequency either, and so state in their specifications. This is again no problem, except when tuning in a station with an inaccurate or wide filter, it blows your resolution of 1 kHz.

There are two ways to eliminate this problem to some degree. #1. Use your BFO to zero beat all signals and offset the BFO to compensate for the lack of selectivity and/or poor filtering as needed. #2. Construct an internal oscillator "right on" 455 kHz, or whatever IF frequency your set uses, and zero beat with that, to give a true frequency reading despite your meter, and IF filter deficiencies.

In summary, to read out the frequency to 1 kHz is expensive, but very desirable. It is most expensive for those DXers that have inexpensive equipment to begin with. One must consider the worth (to themselves) of their receiver before investing 100 plus dollars in an electronic frequency counting scheme. For different receivers, the cost would vary. For a good counter you can easily spend \$200-500, and for a generator (kit form) about \$80 or so.

As of this writing, there are devices available for several of the more popular receivers. Digital displays for the FRG-7, SSR-1, XCR-30 and DX-160 can be obtained for \$120-150. A small unit that will work on any receiver in the 440 kHz - 30 MHz range and sits on top of the rig, is a combination counter-generator that will give 1 kHz accuracy is available for under \$250. More advanced (more features and/or accuracy) units cost up to \$500. For more information on readouts and where to obtain them, write to: Grant Manning, 3417 Purer Road, Escondido, CA 92025. State what receiver one is needed for. I'll try to dig up the information for you and, if I think it's a waste of money to obtain a readout for your set, I'll tell you that too.

REPORT FORMS

ENGLISH - FRENCH - SPANISH

REPORT FORMS

TRI

LINGUAL

RECEPTION

REPORT FORMS

To the right is a portion of the MULTI LINGUAL report forms available to SPEEDXERS.

These forms were designed primarily for the convenience of the station technician who will eventually read it. They were developed with the assistance of several broadcast technicians..... hence our claim of it being "Broadcaster Approved".


Order these forms from: Vera Crable WDX7MA, Route 2, Box 379B, Coeur d'Alene, ID 83814.

Three (3) forms may be obtained for each credit point earned up to eighteen (18) forms per order. 2 credit points = 6 forms, 3 points = 9 forms, etc.

Only the three SPEEDX magazine issues immediately preceding any order may be used to qualify for an order, and only one order per month will be accepted.

To receive free report forms, simply send a business-size (4x9½) self-addressed stamped envelope to the address above. Attach one first class postage stamp (in the USA) for each 6 forms (or portion of) ordered. Outside the USA send IRC's. Please mention which issue(s) qualify you for the order.

These forms are available to ACTIVE SPEEDX CLUB MEMBERS ONLY! None other need apply! Be sure to order from the Coeur d'Alene, Idaho QTH. NOT HQS!!

DATE (day) <input type="text"/> <input type="text"/> (month) <input type="text"/> <input type="text"/> (year) <input type="text"/> <input type="text"/>				
DATE (jour) <input type="text"/> <input type="text"/> (mois) <input type="text"/> <input type="text"/> (année) <input type="text"/> <input type="text"/>				
FECHA (día) <input type="text"/> <input type="text"/> (mes) <input type="text"/> <input type="text"/> (año) <input type="text"/> <input type="text"/>				
LISTEN TO THE WORLD				
				
ON SHORTWAVE RADIO				
<input type="checkbox"/> G.M.T. G.M.T.	<input type="checkbox"/> LOCAL TIME HEURE LOCALE HORA LOCAL	<input type="checkbox"/> ON A FREQUENCY OF SUR LA FREQUENCE DE FRECUENCIA DE	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	KILOHERTZ KILOGHERTZ KILOHERTZ
<input type="checkbox"/> ANTENNA OF L'UNE ANTENNE DE UNA ANTENA DE	<input type="checkbox"/> METERS MÈTRES METROS	<input type="checkbox"/> INSTALLED OUTSIDE INSTALLATION EXTERIEURE INSTALACION EXTERIOR	<input type="checkbox"/> INDOORS INTERIEURE INTERIOR	
ISSUE NUMERO TEMPO		<input checked="" type="radio"/> OVERALL TECHNICAL QUALITY QUALITE TECHNIQUE DE L'ENSEMBLE CALIDAD TECNICA EN TODO		
		Excellent, Excelente, Excelente		
		Good, Bonne, Buena		
		Fair, Moyenne, Mediana		
		Poor, Mauvaise, Mala		
		Unusable, Inutilisable, Inutilizable		
		IN (LANGUAGE) EN LANGUE EN EL IDIOMA	ENGLISH FRANCAISE ESPAÑOL	

JANUARY CONTRIBUTORS PAGE

Each contributors name is preceded by a number. This number indicates how many SPEEDX columns a specific reporter contributed to this month. Credits for sections other than SWBC, QSL, UTE & SKEDS are not listed here, they are recorded separately by the membership chairman by perusing each issue. The \* preceding a number indicates credit is given for credits that were missed the previous month.

5	AMBRUSTER, DAVID	WI...CRF-160	2	ISHIZAKI, YASUO	JAPAN.ICF-5900
3	ANGELONI, RICHARD	NY....DX-40	4	JECHENTHAL, JOSEPH	IL....DX-160
4	BALDWIN, MIKE	NC....FRG-7	6	JOHNSON, RICHARD	FL....DX-160
1	BATSON, BOB	KS....SSR-1	3	JONES, JACK	MS...DX-150A
6	BAUM, RICKY	FL.CRF-5100	3	JONES, MICHAEL	CA.CRF-330K
4	BEAUDOIN, BOB	CT....FRG-7	*1	KAM YUK-TONG	HONG KONG...RACAL
*2	BECHERER, RICHARD	MA...SW-717	7	KARCHESKI, WALT	MA....SPR-4
1	BERNSTEIN, ROGER	GA...DX-160	1	KLEMENS, BRUCE	NJ....SPR-4
7	BLATZE, "SANDY"	LA....51-J3	*1	KOSKO, DANIEL	OH....R-392
2	BODELL, BOB	OR....SPR-4	4	KOVAL, STEPHEN	NJ....DX-160
4	BONNER, CHRIS	OH...DX-160	4	KUKAN, BOB	NJ...HQ-180
*4	BOURNE, FREDERICK	OKI....FRG-7	3	LESTNER, LOU & E.	CA....SPR-4
2	BOWERS, PHIL.	TURKEY...SSR-1	2	LENTZ, HANK	PA....SSR-1
*4	BOWMAN, JAMES	GA...R-390A	4	LEVESQUE, DIANE	IL...XCR-30
3	BROOKS, ALAN	CT....FRG-7	6	LINDSEY, RANDY	NJ....DX-160
5	BROOKWELL, LARRY	CA....SPR-4	6	LINK, GEORGE	CA....DX-160
4	BRYAN, JAMES	CA....SPR-4	4	LOBDELL, CHRIS	MA....FRG-7
*2	CABOS, RALF WEST	GERMANY.GRU-2000	1	LONGACRE, DON	NY....HQ-215
3	CARRIER, DAN	FL....FRG-7	1	MAGRIS, RANDOLPH	MO....DX-160
*1	CASE, WILLIAM	PA...FR-101	7	MAGHAKIAN, MICHAEL	NY.ICF-5900
1	CAWTHORNE, CEDRIC	ENG....GR-100	3	MAPPIN, JAMES	WA....SCOTT
*1	CHILD, CRAIG	ME...FRG-7	3	MARABLE, IVERY	ITALY.CRF-5090
7	CHITUCK, BRUCE	CA....DX-160	*1	MASON, "SANDY"	ONT....FRG-7
2	CLEVELAND, BILL	MD....SPR-4	3	MAYER, JIM	CA....FRG-7
2	COMPTON, KEN	MA...DX-150A	*1	MCCREERY, DAVID	GA....FRG-7
*2	CONSTANTINIDES, C.	GREECE...XCR-30	2	MCCURDY, TIM	CA...HA-600A
1	CUNEO, RICHARD	NY...D-7000	*6	MELLINGER, CRAIG	NJ....FRG-7
4	DALUM, GERALD	IN....FRG-7	5	MILLER, WILLIAM	CA....DX-160
4	DAVIS, TONY	SC....FRG-7	5	MONJURE, RICHARD	LA...DX-160
4	DAVIS, WAYNE	NJ...HRO-60	3	MORITZ, JOHN	OH...HQ-180
2	DAWSON, ARCH	CA....SPR-4	*2	MOW, CLARENCE	AZ...VEF-201
6	DONLY, ROBERT	SC.EDY-8302	3	MURPHY, MARK	NY....PYE-H
6	DRUMHELLER, DAVID	PA...DX-160	4	NAYLOR, SPENCE	CA....FRG-7
4	DUTKOWSKI, DON	B.C....FRG-7	2	NEUMANN, SERGE	IN...HQ-180
5	EARHART, KEN	PA....FRG-7	2	NOVELLO, JAY	NY...XCR-30
5	ELDER, RICK	SASK...KW-3000	2	O'BRIEN, JIM	B.C....DX-160
3	FAMULARO, RALPH	NJ...XCR-30	4	ONKEN, JOHN	IL....FRG-7
4	FELTY, DAVID	OH.ICF-5900	1	PAOLINI, GREG	CT...SW-717
2	FOWLER, GARY	ONT....SPR-4	1	PEARSON, BRUCE	OR...DX-160
8	FRASER, BOB	MA...XCR-30	6	PEARSON, WILLIAM	PA...DX-160
1	FRENCH, BOB	MD....S-108	4	PECENKA, JOSEPH	IN...XCR-30
3	GARNER, JOHN	ONT....FRG-7	4	PECK, MARTIN	NY.TEM-1600
3	GAVARAS, TOM	MN...HQ-180	2	PERRY, COLIN	QUE.GRU-2000
2	GELFAND, STEVE	NY.NC-183-D	2	PETERS, DAVID	KY....SPR-4
6	GEORGE, CHARLES	TX....SSR-1	1	PIERCE, BOB	MA...XCR-30
1	GREEN, DALE	UT...R-390A	1	POAGE, BOB	KY....GR-54
3	GRENIER, PETE	CA....FRG-7	5	POOLE, GREG	GA...DX-160
6	HALL, TIM	CA.DX-150B	*3	POTACZEK, JOE	IL...SX-71
4	HALLBERG, SCOTT	IL...DX-160	6	PRATH, JOHN	FL...DX-160
1	HAMMER, DAVE	OH...A-2515	*4	PROOM, STEPHEN	ENG.SAT-2100
1	HARDESTER, MIKE	OKI....SPR-4	1	ROGERS, WESLEY	ONT...SX-190
4	HAUSER, GLENN	TN....FRG-7	1	ROMANI, DAVID	OH....SPR-4
4	HEATH, WILLIAM	KY...DX-160	2	ROSINSKI, FRANCIS	PA...SX-25
2	HICKMAN, MEL	OR...A-2515	1	SCHIPELLITI, PETER	MA....FRG-7
2	HILL, NORMAN	VA....DX-40	7	SEILER, RON	B.C....FRG-7
1	HOBSON, KEVIN	MI....FRG-7	1	SELTZER, JAY	MO....SSR-1
4	HODSDON, THOMAS	MN....FRG-7	2	SEYMOUR, WOODY	NC....SPR-4
5	HOFFMAN, CHARLES	PA....FRG-7	4	SKORA, GREGORY	ONT...TRAN-0
3	HOOK, JERRY	FL...DR-22	1	SMITH, ALBERT	OH....SSR-1
2	HOLBROOK, HANK	MD...SP-600	6	SMITH, TOM	FL...XCR-30
1	HOWARTH, CHESTER	WA....SPR-4	1	SNYDER, DOUG	CA....SPR-4
1	HUTCHINS, CHARLES	ME....FRG-7	2	SNYDER, SCOTT	NY...GE-PORT
4	IRELAND, JEROLD	TN....FRG-7	5	SOMERS, JACK	CA....FRG-7

4 SPENCER, JAMES	OK...FRG-7	1 WALTERS, JOHN	NJ...R-1530
5 STONE, WILFRED	ONT...SX-190	.2 WATSON, FRANK	CA...FRG-7
1 STREVELER, DENNIS	HI...FRG-7	4 WATTS, GREG	IN..DX-150B
.6 STROH, EDWARD	IL...SPR-4	1 WHITEHEAD, JIM	MA...SX-190
1 STUART, ALLAN	SASK..ARO-500	1 WICKETT, ROBERT	MD....S-120
1 TAGUE, BARRY	OK...FRG-7	.1 WILLIAMS, DAVID	OR...SPR-4
1 TANNERWALD, LEON	NY...SPR-4	.1 WILLIAMS, MICHAEL	AUST...XCR-30
5 THOMPSON, GLENN	NM.HQ-145-8	5 WILLIS, FREDERICK	PA....GR-78
7 THOMPSON, PEGGY	CA....PTL-9	1 WILSON, TED	CA.....R4B
2 TRAUTSCHOLD, JOHN	WI...FRG-7	1 WOLTMAN, FRANK	WI...DX-160
2 TROCHIMCZYK, J.	DC...XCR-30	5 YACONO, DOMINICK	NY..D-7000Y
2 TRUBEE, BILL	HI...SPR-4	7 YAJKO, ROBERT	PA....SPR-4
4 UERLINGS, JAMES	OR...SX-130	5 YOHANA, WILLIAM	NJ..RF-1150
5 UTTER, RICHARD	NY...SPR-4	1 YOUNG, CHARLES	NJ...DX-160
1 VELDEN, ANDRE	HOLLAND...GALAXY	5 ZILMER, BOB	WI....SPR-4
1 WAKISAKA, SATOSHI	JAPAN...FRG-7	4 ZIMAROWSKI, MARK	MA...SX-190
4 WALL, BRADFORD	CA...XCR-30		

This month we welcome 18 first time reporters, they are: Richard Becherer, MA; Frederick Bourne, Okinawa; James Bowman, GA; William Case, PA; Craig Child, ME; Costa Constantinides, Greece; Jerold Ireland, TN; Yuk-Tong Kam, Hong Kong; Jim Mayer, CA; Craig Mellinger, NJ; Clarence Mow, AZ; Mark Murphy, NY; Joe Potaczek, IL; Stephen Proom, England; Edward Stroh, IL; Frank Watson, CA; David Williams, OR; Michael Williams, Australia. Now that you have broken the ice, we hope to see you often on these pages. A big thank you to 159 DXers.

---\*\*\*---

NEW YORK CITY METROPOLITAN AREA DXERS

The next meeting of the MAD-MEN will be in Teaneck, NJ, at the home of Paul Mount (address not given) on January 15 1978. All DXers whether from New York, New Jersey, Connecticut, etc, are welcome. For information, contact Chris Hansen, St. Joseph's Seminary, Dunwoodie, Yonkers, NY 10704 (914)968-6200, or Paul Mont, 507 B Carmen Hall, Columbia University, NY City NY.(212) 280-6225.

SOUTHERN CALIFORNIA AREA DXERS

SCADS will meet Saturday, February 11, 1978, 10 AM to 5 PM, at the Valley School Auditorium, 5361 Sisson Drive, Huntington Beach, Calif. Doors open at 8 AM. Any questions that you may have re the Tropical Band contest, will be answered by Jim Young. \$1 donation will help pay for the soft drinks, chicken and pizza. For information, contact: Donald Erickson, 6059 Essex St, Riverside, CA. 9714)687-5910.

ITEMS FOR SALE

Allied SX-190, direct dial freq. readout. Recently aligned, excellent condition. Extra crystals have been added to cover 60, 90, etc bands. SP-190 matching speaker. All for \$175.00. Contact Wayne Oliver, P.O. Box 355, Plaistow, NH 03865. (603)382-5581.

National-Matsushita RJX-4800 communication receiver, only 2 months use, 3-31 mHz w/built in digital readout. \$445.00, contact Alan Hausner, 39 Dewey Road Cheltenham, PA 19012. (215) 635-6219.

Crystals for Drake R4-B/R4-C, \$3.50 each, covers freq ranges: 1.5-2.0, 2.0-2.5, 3.0-3.5, 4.5-5.0, 5.5-6.0, 6.0-6.5, 9.0-9.5, 9.5-10.0, 11.5-12.0, 13.0-13.5, 15.0-15.5, 15.5-16.0, 17.5-18.0, 21.5-22.0 and 25.5-26.0. Contact David Walcutt, P.O. Box 1051, Carbondale, IL 62901. (618)549-6256.

PYEWAY MODEL TCR 3000 E 12V, 9 band car radio, covers bands 16, 19, 25, 31, 41, 49, 60, 90 and medium wave. Original service manual w/schematic and alignment instructions. \$200.00 PP. Contact Mark Murphy, 5700 Hinman Road, Lockport, NY 14094 for information, he has given me far more than I have room for.

SLINKY DIPOLE

Many of our members have inquired about this indoor antenna. Hqs has one, and it works as well as any of the four long wires erected at SPEEDX Hqs. Write to Sid Arnow, P.O. Box 84, Kings Park, NY 11754 for a flyer. The Slinky sells for \$39.95. Tell Sid that SPEEDX sent you. For a SASE Don Johnson of SPEEDX will provide his personal opinions of the antenna.

THE OFFICIAL DX MAGAZINE PUBLISHED MONTHLY BY SPEEDX  
 BOARD OF DIRECTORS... Don Johnson(President), John Trautschold  
 (Vice-President), Jim Whitehead, Bob Bodell, Alan Brooks  
 MANAGING EDITOR..... Oliver Ellsworth  
 BUSINESS MANAGER/PUBLISHER/TREASURER..... Don Johnson  
 PROJECTS COORDINATOR..... Doug Snyder  
 MEMBERSHIP CHAIRMAN..... Vera Crable  
 AWARDS CHAIRMAN..... Jack Jones  
 SPEEDXGRAM EDITOR/PUBLISHER..... John Trautschold  
 CENTRAL DISTRIBUTING EDITOR..... Robert Zilmer  
 (P.O. Box 697, Milwaukie, VI 53201)

SUBSCRIPTION RATES PER YEAR  
 FIRST CLASS MAIL TO USA/CANADA/MEXICO.....\$12.00  
 A0(AIRMAIL) TO CENTRAL AMERICA/CARIBBEAN..... 18.00  
 A0(AIRMAIL) TO SOUTH AMERICA/EUROPE..... 20.50  
 A0(AIRMAIL) TO ASIA/AFRICA/OCEANIA..... 23.00  
 FIRST CLASS WORLDWIDE(Outside USA/Canada/Mexico)..... 14.00  
 SAMPLE COPY WORLDWIDE.....6 IRC's or 1.00  
 (MAKE ALL MONIES PAYABLE TO SPEEDX IN US FUNDS)

Permission is granted to broadcast, publish, or reproduce any material contained herein (excepting items which state that they appear by permission from other sources) providing credit is given to: SPEEDX, P.O. BOX "E", ELSINORE CALIFORNIA 92330 USA & the editor or column.

# INDEX

KEYNOTES..... OLIVER ELLSWORTH 2  
 DX MONTAGE..... ALAN BROOKS 4  
 HAPPENINGS..... MAYNE DAVIS 6  
 SWBC WESTERN HEMISPHERE..... WHITEHEAD & McCURDY 7  
 EUROPE..... PETER SCHIPPILLITI 13  
 AFRICA..... WAYNE OLLIVER 18  
 ASIA OCEANIA..... BOB BODELL 22  
 STATION SCHEDULES..... LARRY TALBOT 29  
 UTILITY SECTION..... KEN COMPTON 32  
 SWBC QSL SECTION..... BILL CLEVELAND 39  
 TIPS & TOPICS..... ART GETZEL 46  
 CONTRIBUTORS PAGE..... OLIVER ELLSWORTH 55

# World of SWLing

## SPEEDX

will keep you in touch

**SPEEDX**  
 POST OFFICE BOX E  
 LAKE ELSINORE CALIFORNIA  
 92330 UNITED STATES OF AMERICA

WILLIAM FARMERIE 0378  
 15165 rue St Hyacinthe  
 Ste Genevieve, Quebec  
 CANADA H9H 1E7

FIRST CLASS MAIL  
 U.S. POSTAGE PAID 246  
 PO PERMIT NUMBER 36  
 ELSINORE CA 92330



# FIRST CLASS